Product Information

Common features of Delrin® acetal resins include mechanical and physical properties such as high mechanical strength and rigidity, excellent fatigue and impact resistance, as well as resistance to moisture, gasoline, lubricants, solvents, and many other neutral chemicals. Delrin® acetal resins also have excellent dimensional stability and good electrical insulating characteristics. They are naturally resilient, self-lubricating, and available in a variety of colors and speciality grades.

Delrin® acetal resin typically is used in demanding applications in the automotive, domestic appliances, sports, industrial engineering, electronics, and consumer goods industries.

Delrin® FG150 NC010 is a high viscosity acetal homopolymer specifically designed for extrusion processes. It has excellent thermal stability, low die deposit, and enhanced crystallization for low porosity. It has been developed for applications in contact with food.

FOOD CONTACT

This product is manufactured according to Good Manufacturing Practice (GMP) principles and generally accepted in food contact applications in Europe and the USA when meeting applicable use conditions. For details, individual compliance statements are available from your DuPont representative.

Resin Identification POM - ISO 1043 Part Marking Code POM - ISO 11469 Rheological properties Value Unit Test Standard Melt volume-flow rate 1.9 cm²/10min ISO 1133 Temperature 190 °C ISO 1133 Load 2.16 kg ISO 1133 Melt mass-flow rate 2.4 g/10min ISO 1133 Molding shrinkage, parallel 1.8 % ISO 294-4, 2577 Molding shrinkage, normal 2.0 % ISO 294-4, 2577 Mechanical properties Value Unit Test Standard Tensile Modulus 3100 MPa ISO 527-1/-2 Yield stress 72 MPa ISO 527-1/-2 Yield strain 22 % ISO 527-1/-2 Nominal strain at break 40 % ISO 527-1/-2 Flexural Modulus 2900 MPa ISO 178 Charpy notched impact strength ISO 179/1eA 73 F 12 kJ/m² -22 F 9 kJ/m² 1zod notched impact strength, 73 F 10 kJ/m² ISO 180/1A Hardness, Rockwell, M-scale 94 - ISO 2039-2 Hardness, Rockwell, R-scale 12 - ISO 2039-2 Thermal properties Value Unit Test Standard Melting te	General information	Value	Unit	Test Standard
Rheological properties Value Unit Test Standard	Resin Identification	POM	-	
Melt volume-flow rate 1.9 cm³/10min ISO 1133 Temperature 190 °C ISO 1133 Load 2.16 kg ISO 1133 Melt mass-flow rate 2.4 g/10min ISO 1133 Melt mass-flow rate 2.4 g/10min ISO 1133 Molding shrinkage, parallel 1.8 % ISO 294-4, 2577 Molding shrinkage, normal 2.0 % ISO 294-4, 2577 Molding shrinkage, normal 2.0 % ISO 294-4, 2577 Mechanical properties Value Unit Test Standard Tensile Modulus 3100 MPa ISO 527-1/-2 Yield stress 72 MPa ISO 527-1/-2 Yield strain 22 % ISO 527-1/-2 Yield strain at break 40 % ISO 527-1/-2 Nominal strain at break 40 % ISO 527-1/-2 Flexural Modulus 2900 MPa ISO 178 Charpy notched impact strength 31 F 12 kJ/m² Taylor on the dimpact strength 73 °F 12 kJ/m² Taylor on the dimpact strength 73 °F 10 kJ/m² ISO 180/1A Hardness, Rockwell, M-scale 94 - ISO 2039-2 Hardness, Rockwell, M-scale 94 - ISO 2039-2 Hardness, Rockwell, R-scale 122 - ISO 2039-2 Thermal properties Value Unit Test Standard Melting temperature, 18 °F/min 178 °C ISO 11357-1/-3 Temp. of deflection under load ISO 75-1/-2 260 psi 97 °C 160 finear therm. expansion, parallel 110 E-6/K ISO 11359-1/-2 Coeff. of linear therm. expansion, normal 100 E-6/K ISO 11359-1/-2 RTI, electrical UL 7468 RTI, impact UL 7468	Part Marking Code	POM	-	ISO 11469
Temperature	Rheological properties	Value	Unit	Test Standard
Load 2.16 kg ISO 1133 Melt mass-flow rate 2.4 g/10min ISO 1133 Melt mass-flow rate 1.8 % ISO 294-4, 2577 Molding shrinkage, parallel 1.8 % ISO 294-4, 2577 Molding shrinkage, normal 2.0 % ISO 294-4, 2577 Mechanical properties Value Unit Test Standard Tensile Modulus 3100 MPa ISO 527-1/-2 Yield stress 72 MPa ISO 527-1/-2 Yield strain 22 % ISO 527-1/-2 Yield strain at break 40 % ISO 527-1/-2 Nominal strain at break 40 % ISO 527-1/-2 Flexural Modulus 2900 MPa ISO 178 Charpy notched impact strength ISO 179/1eA 73'F 12 kJ/m² ISO 179/1eA Tayler 12 kJ/m² ISO 180/1A Hardness, Rockwell, M-scale 94 - ISO 2039-2 Hardness, Rockwell, M-scale 122 - ISO 2039-2 Thermal properties Value Unit Test Standard Melting temperature, 18'F/min 178 °C ISO 11357-1/-3 Temp. of deflection under load ISO 75-1/-2 260 psi 97 °C C C C C C C 65 psi 165 °C C C C C Coeff. of linear therm. expansion, parallel 110 E-6/K ISO 11359-1/-2 RTI, electrical UL 7468 C RTI, impact UL 7468 UL 7468 C RTI, impact UL 7468 UL 7468 C RTI, impact UL 7468 C C RTI, impact UL 7468 C C C C C C RTI, impact UL 7468 C C C RTI, impact UL 7468 C C C C C C C C C	Melt volume-flow rate	1.9	cm ³ /10min	ISO 1133
Melt mass-flow rate 2.4 g/10min ISO 1133 Molding shrinkage, parallel 1.8 % ISO 294-4, 2577 Molding shrinkage, normal 2.0 % ISO 294-4, 2577 Mechanical properties Value Unit Test Standard Tensile Modulus 3100 MPa ISO 527-1/-2 Yield strasin 22 % ISO 527-1/-2 Yield strain 22 % ISO 527-1/-2 Nominal strain at break 40 % ISO 527-1/-2 Flexural Modulus 2900 MPa ISO 178 Charpy notched impact strength ISO 179/1eA 73 'F 12 kJ/m² -22 °F 9 kJ/m² Izod notched impact strength, 73 °F 10 kJ/m² ISO 180/1A Hardness, Rockwell, M-scale 94 - ISO 2039-2 Hardness, Rockwell, R-scale 122 - ISO 2039-2 Thermal properties Value Unit Test Standard Melting temperature, 18 °F/min 178 °C ISO 11357-1/-3 Temp. of deflection under load ISO 75-1/-2 ISO 75-1/-2 260 psi 97 °C C	Temperature	190	°C	ISO 1133
Molding shrinkage, parallel 1.8 % ISO 294-4, 2577 Molding shrinkage, normal 2.0 % ISO 294-4, 2577 Mechanical properties Value Unit Test Standard Tensile Modulus 3100 MPa ISO 527-1/-2 Yield stress 72 MPa ISO 527-1/-2 Yield strain at break 40 % ISO 527-1/-2 Nominal strain at break 40 % ISO 527-1/-2 Flexural Modulus 2900 MPa ISO 178 Charpy notched impact strength ISO 179/1eA T3 F 73 F 12 kJ/m² ISO 179/1eA 73 F 12 kJ/m² ISO 180/1A Izod notched impact strength, 73 F 10 kJ/m² ISO 180/1A Hardness, Rockwell, M-scale 94 - ISO 2039-2 ISO 2039-2 Hardness, Rockwell, R-scale 122 - ISO 2039-2 Intermal properties Value Unit Test Standard Melting temperature, 18 F/min 178 °C ISO 11357-17-3 ISO 1035-17-2 ISO 2039-2 Temp. of deflection under load 10 E-6/K ISO 11357-17-3 ISO 11359-17-2 ISO 11359-17-2 <	Load	2.16	kg	ISO 1133
Molding shrinkage, normal 2.0 % ISO 294-4, 2577 Mechanical properties Value Unit Test Standard Tensile Modulus 3100 MPa ISO 527-1/-2 Yield stress 72 MPa ISO 527-1/-2 Yield strain 22 % ISO 527-1/-2 Nominal strain at break 40 % ISO 527-1/-2 Nominal strain at break 290 MPa ISO 178 Charpy notched impact strength 290 MPa ISO 178 Charpy notched impact strength ISO 179/1eA 179/1eA 73°F 12 kJ/m² -22°F 9 kJ/m² Izod notched impact strength, 73°F 10 kJ/m² Hardness, Rockwell, M-scale 94 - ISO 2039-2 Hardness, Rockwell, R-scale 122 - ISO 2039-2 Thermal properties Value Unit Test Standard Melting temperature, 18°F/min 178°C ISO 11357-1/-3 Temp. of deflection under load ISO 75-1/-2	Melt mass-flow rate	2.4	g/10min	ISO 1133
Mechanical properties Value Unit Test Standard Tensile Modulus 3100 MPa ISO 527-1/-2 Yield stress 72 MPa ISO 527-1/-2 Yield strain 22 % ISO 527-1/-2 Nominal strain at break 40 % ISO 527-1/-2 Nominal strain at break 40 % ISO 527-1/-2 Flexural Modulus 2900 MPa ISO 178 Charpy notched impact strength ISO 178 ISO 178 Charpy notched impact strength ISO 179/1eA TSO 179/1eA 73 °F 12 kJ/m² Izod notched impact strength, 73 °F 10 kJ/m² Izod notched impact strength, 73 °F 10 kJ/m² Izod notched impact strength, 73 °F 10 kJ/m² Hardness, Rockwell, M-scale 94 - ISO 2039-2 Hhardness, Rockwell, R-scale 12 - ISO 2039-2 Thermal properties Value Unit Test Standard Melting temperature, 18 °F/min 178 °C ISO 11357	Molding shrinkage, parallel	1.8	%	ISO 294-4, 2577
Tensile Modulus 3100 MPa ISO 527-1/-2 Yield stress 72 MPa ISO 527-1/-2 Yield strain 22 % ISO 527-1/-2 Nominal strain at break 40 % ISO 527-1/-2 Plexural Modulus 2900 MPa ISO 178 Charpy notched impact strength ISO 179/1eA ISO 179/1eA 73°F 12 kJ/m² -22°F 9 kJ/m² Izod notched impact strength, 73°F 10 kJ/m² <td>Molding shrinkage, normal</td> <td>2.0</td> <td>%</td> <td>ISO 294-4, 2577</td>	Molding shrinkage, normal	2.0	%	ISO 294-4, 2577
Yield stress 72 MPa ISO 527-1/-2 Yield strain 22 % ISO 527-1/-2 Nominal strain at break 40 % ISO 527-1/-2 Flexural Modulus 290 MPa ISO 178 Charpy notched impact strength ISO 179/1eA ISO 179/1eA 73 °F 12 kJ/m² -22 °F 9 kJ/m² Izod notched impact strength, 73 °F 10 kJ/m² Izod notched, M-scale 94 - ISO 2039-2 Hardness, Rockwell, M-scale 122 - ISO 2039-2 Hardness, Rockwell, R-scale 122 - ISO 2039-2 Thermal properties Value Unit Test Standard Melting temperature, 18 °F/min 178 °C ISO 11357-1/-3 Temp. of deflection under load ISO 75-1/-2 ISO 75-1/-2 260 psi 97 °C 65 psi ISO 75-1/-2 Coeff. of linear therm. expansion, parallel 110 E-6/K ISO 11359-1/-2 Coeff. of linear therm. expansion, normal 100 E-	Mechanical properties	Value	Unit	Test Standard
Yield strain 22 % ISO 527-1/-2 Nominal strain at break 40 % ISO 527-1/-2 Flexural Modulus 2900 MPa ISO 178 Charpy notched impact strength ISO 179/1eA 73°F 12 kJ/m² -22°F 9 kJ/m² Izod notched impact strength, 73°F 10 kJ/m² ISO 180/1A Hardness, Rockwell, M-scale 94 - ISO 2039-2 Hardness, Rockwell, R-scale 122 - ISO 2039-2 Thermal properties Value Unit Test Standard Melting temperature, 18°F/min 178 °C ISO 11357-1/-3 Temp. of deflection under load ISO 75-1/-2 260 psi 97 °C C 65 psi 165 °C C Coeff. of linear therm. expansion, parallel 110 E-6/K ISO 11359-1/-2 Coeff. of linear therm. expansion, normal 100 E-6/K ISO 11359-1/-2 RTI, electrical UL 746B 60mil 50 °C RTI, impact UL 746B	Tensile Modulus	3100	MPa	ISO 527-1/-2
Nominal strain at break	Yield stress	72	MPa	ISO 527-1/-2
Flexural Modulus 2900 MPa ISO 178	Yield strain	22	%	ISO 527-1/-2
Charpy notched impact strength ISO 179/1eA 73 °F 12 kJ/m² -22 °F 9 kJ/m² Izod notched impact strength, 73 °F 10 kJ/m² ISO 180/1A Hardness, Rockwell, M-scale 94 - ISO 2039-2 Hardness, Rockwell, R-scale 122 - ISO 2039-2 Thermal properties Value Unit Test Standard Melting temperature, 18 °F/min 178 °C ISO 11357-1/-3 Temp. of deflection under load ISO 75-1/-2 260 psi 97 °C 65 psi 165 °C Coeff. of linear therm. expansion, parallel 110 E-6/K ISO 11359-1/-2 Coeff. of linear therm. expansion, normal 100 E-6/K ISO 11359-1/-2 RTI, electrical UL 746B 60mil 50 °C 120mil 50 °C RTI, impact UL 746B	Nominal strain at break	40	%	ISO 527-1/-2
73 °F 12 kJ/m² -22 °F 9 kJ/m² Izod notched impact strength, 73 °F 10 kJ/m² ISO 180/1A Hardness, Rockwell, M-scale 94 - ISO 2039-2 Hardness, Rockwell, R-scale 122 - ISO 2039-2 Thermal properties Value Unit Test Standard Melting temperature, 18 °F/min 178 °C ISO 11357-1/-3 Temp. of deflection under load ISO 75-1/-2 260 psi 97 °C 65 psi 65 psi 165 °C C Coeff. of linear therm. expansion, parallel 110 E-6/K ISO 11359-1/-2 Coeff. of linear therm. expansion, normal 100 E-6/K ISO 11359-1/-2 RTI, electrical UL 746B 60mil 50 °C RTI, impact UL 746B	Flexural Modulus	2900	MPa	ISO 178
-22 °F 9 kJ/m² Izod notched impact strength, 73 °F 10 kJ/m² ISO 180/1A Hardness, Rockwell, M-scale 94 - ISO 2039-2 Hardness, Rockwell, R-scale 122 - ISO 2039-2 Thermal properties Value Unit Test Standard Melting temperature, 18 °F/min 178 °C ISO 11357-1/-3 Temp. of deflection under load ISO 75-1/-2 260 psi 97 °C C 65 psi 165 °C C Coeff. of linear therm. expansion, parallel 110 E-6/K ISO 11359-1/-2 Coeff. of linear therm. expansion, normal 100 E-6/K ISO 11359-1/-2 RTI, electrical UL 746B 60mil 50 °C 120mil 50 °C RTI, impact UL 746B	Charpy notched impact strength			ISO 179/1eA
Izod notched impact strength, 73°F 10 kJ/m² ISO 180/1A Hardness, Rockwell, M-scale 94 - ISO 2039-2 Hardness, Rockwell, R-scale 122 - ISO 2039-2 Thermal properties Value Unit Test Standard Melting temperature, 18°F/min 178 °C ISO 11357-1/-3 Temp. of deflection under load ISO 75-1/-2 260 psi 97 °C 65 psi 165 °C Coeff. of linear therm. expansion, parallel 110 E-6/K ISO 11359-1/-2 Coeff. of linear therm. expansion, normal 100 E-6/K ISO 11359-1/-2 RTI, electrical UL 746B 60mil 50 °C 120mil 50 °C RTI, impact UL 746B	73°F	12	kJ/m²	
Hardness, Rockwell, M-scale 94 - ISO 2039-2 Hardness, Rockwell, R-scale 122 - ISO 2039-2 Thermal properties Value Unit Test Standard Melting temperature, 18°F/min 178 °C ISO 11357-1/-3 Temp. of deflection under load ISO 75-1/-2 260 psi 97 °C 65 psi 165 °C Coeff. of linear therm. expansion, parallel 110 E-6/K ISO 11359-1/-2 Coeff. of linear therm. expansion, normal 100 E-6/K ISO 11359-1/-2 RTI, electrical UL 746B 60mil 50 °C 120mil 50 °C RTI, impact UL 746B	-22°F	9	kJ/m²	
Hardness, Rockwell, R-scale 122 - ISO 2039-2	Izod notched impact strength, 73°F	10	kJ/m²	ISO 180/1A
Thermal properties Value Unit Test Standard Melting temperature, 18°F/min 178°C ISO 11357-1/-3 Temp. of deflection under load ISO 75-1/-2 260 psi 97°C C 65 psi 165°C C Coeff. of linear therm. expansion, parallel 110 E-6/K ISO 11359-1/-2 Coeff. of linear therm. expansion, normal 100 E-6/K ISO 11359-1/-2 RTI, electrical UL 746B 60mil 50°C 120mil 50°C RTI, impact UL 746B	Hardness, Rockwell, M-scale	94	-	ISO 2039-2
Melting temperature, 18°F/min 178 °C ISO 11357-1/-3 Temp. of deflection under load ISO 75-1/-2 260 psi 97 °C 65 psi 165 °C Coeff. of linear therm. expansion, parallel 110 E-6/K ISO 11359-1/-2 Coeff. of linear therm. expansion, normal 100 E-6/K ISO 11359-1/-2 RTI, electrical UL 746B 60mil 50 °C 120mil 50 °C RTI, impact UL 746B	Hardness, Rockwell, R-scale	122	-	ISO 2039-2
Temp. of deflection under load ISO 75-1/-2 260 psi 97 °C 65 psi 165 °C Coeff. of linear therm. expansion, parallel 110 E-6/K ISO 11359-1/-2 Coeff. of linear therm. expansion, normal 100 E-6/K ISO 11359-1/-2 RTI, electrical UL 746B 60mil 50 °C 120mil 50 °C RTI, impact UL 746B	Thermal properties	Value	Unit	Test Standard
260 psi 97 °C 65 psi 165 °C Coeff. of linear therm. expansion, parallel 110 E-6/K ISO 11359-1/-2 Coeff. of linear therm. expansion, normal 100 E-6/K ISO 11359-1/-2 RTI, electrical UL 746B 60mil 50 °C 120mil 50 °C RTI, impact UL 746B	Melting temperature, 18°F/min	178	°C	ISO 11357-1/-3
260 psi 97 °C 65 psi 165 °C Coeff. of linear therm. expansion, parallel 110 E-6/K ISO 11359-1/-2 Coeff. of linear therm. expansion, normal 100 E-6/K ISO 11359-1/-2 RTI, electrical UL 746B 60mil 50 °C 120mil 50 °C RTI, impact UL 746B	Temp. of deflection under load			ISO 75-1/-2
Coeff. of linear therm. expansion, parallel Coeff. of linear therm. expansion, normal Toeff. of linear therm. expansion, parallel Toeff. of linear therm. expan		97	°C	
Coeff. of linear therm. expansion, normal 100 E-6/K ISO 11359-1/-2 RTI, electrical UL 746B 60mil 50 °C 120mil 50 °C RTI, impact UL 746B	65 psi	165	°C	
Coeff. of linear therm. expansion, normal 100 E-6/K ISO 11359-1/-2 RTI, electrical UL 746B 60mil 50 °C 120mil 50 °C RTI, impact UL 746B	Coeff. of linear therm. expansion, parallel	110	E-6/K	ISO 11359-1/-2
60mil 50 °C 120mil 50 °C RTI, impact UL 746B	Coeff. of linear therm. expansion, normal	100	E-6/K	ISO 11359-1/-2
	RTI, electrical			UL 746B
RTI, impact UL 746B	60mil	50	°C	
, I	120mil	50	°C	
	RTI, impact			UL 746B
60mil 50 °C	60mil	50	°C	
120mil 50 °C	120mil	50	°C	
RTI, strength UL 746B	RTI, strength			UL 746B
60mil 50 °C	, ,	50	°C	
120mil 50 °C	120mil	50	°C	
Flammability Value Unit Test Standard	Flammability	Value	Unit	Test Standard
Burning Behav. at 60mil nom. thickn. HB class IEC 60695-11-10	Burning Behav. at 60mil nom. thickn.	НВ		IEC 60695-11-10

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To find out more, visit DuPont Performance Polymers or contact nearest DuPont location.

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Toll-Free (USA): 800 441-0575

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Company or its affiliates. All rights reserved.



Thickness tested		1.5	mm	IEC 60695-11-10	
UL recognition		yes	-	UL 94	
Other properties		Value	Unit	Test Standard	
Density		1420	kg/m³	ISO 1183	
VDA Properties		Value	Unit	Test Standard	
Emissions		<8	mg/kg	VDA 275	
Injection		Value	Unit	Test Standard	
Drying Recommended		yes	-	-	
Drying Temperature		80	°C	-	
Drying Time, Dehumidified Dryer		2 - 4	h	-	
Processing Moisture Content		≤0.2	%	-	
Melt Temperature Optimum		215	°C	-	
Min. melt temperature		210	°C	-	
Max. melt temperature		220	°C	-	
Mold Temperature Optimum		90	°C	-	
Min. mold temperature		80	°C	-	
Max. mold temperature		100	°C	-	
Hold pressure range		90 - 110	MPa	-	
Hold pressure time		8	s/mm	-	
Annealing time, optional		30	min/mm	-	
Annealing temperature		160	°C	-	
Extrusion		Value	Unit	Test Standard	
Drying Temperature		75 - 85	°C	-	
Drying Time, Dehumidified Dryer		2 - 4	h	-	
Processing Moisture Content		≤0.2	%	-	
Melt Temperature Optimum		200	°C	-	
Melt Temperature Range		195 - 205	°C	-	
Characteristics					
Processing	 Injection Molding 	• She	eet Extrusion		
	 Profile Extrusion 	• Oth	ner Extrusion		
Delivery form	Pellets				
Additives	 Release agent 				
Pogional Availability	North America	• Asi	a Pacific	Near East/Africa	
Regional Availability	• Europe	• Sou	South and Central America Global		

Processing Texts

Drying is recommended, but not necessary for newly opened packaging stored in a dry location.

Follow the drying guidelines above in the following cases:

- · If moisture is above the Processing Moisture Content recommendation,
- · When a resin container is damaged,
- · When the material is not properly stored in a dry place at room temperature, or
- \cdot When packaging stays open for a significant time.

Sheet extrusion

For more detailed processing instructions and advice, please review the Delrin®.

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Chemical Media Resistance

Acids

Acetic Acid (5% by mass) (23°C)

Citric Acid solution (10% by mass) (23°C)

Lactic Acid (10% by mass) (23°C)

Hydrochloric Acid (36% by mass) (23°C)

Nitric Acid (40% by mass) (23°C)

(25 C)

Sulfuric Acid (38% by mass) (23°C)

Sulfuric Acid (5% by mass) (23°C)

Chromic Acid solution (40% by mass) (23°C)

Rases

Sodium Hydroxide solution (35% by mass) (23°C)

Sodium Hydroxide solution (1% by mass) (23°C)

Ammonium Hydroxide solution (10% by mass) (23°C)

Alcohols

✓ Isopropyl alcohol (23°C)

✓ Methanol (23°C)

✓ Ethanol (23°C)

Hydrocarbons

n-Hexane (23°C)

√ Toluene (23°C)

√ iso-Octane (23°C)

Ketones

✓ Acetone (23°C)

Ethers

Diethyl ether (23°C)

Mineral oils

SAE 10W40 multigrade motor oil (23°C)

SAE 10W40 multigrade motor oil (130°C)

SAE 80/90 hypoid-gear oil (130°C)

Insulating Oil (23°C)

Standard Fuels

√ ISO 1817 Liquid 1 - E5 (60°C)

ISO 1817 Liquid 2 - M15E4 (60°C)

ISO 1817 Liquid 3 - M3E7 (60°C)

✓ ISO 1817 Liquid 4 - M15 (60°C)

Standard fuel without alcohol (pref. ISO 1817 Liquid C) (23°C)

✓ Standard fuel with alcohol (pref. ISO 1817 Liquid 4) (23°C)

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Diesel fuel (pref. ISO 1817 Liquid F) (23°C)



Diesel fuel (pref. ISO 1817 Liquid F) (90°C)

Diesel fuel (pref. ISO 1817 Liquid F) (>90°C)

Salt solutions

Sodium Chloride solution (10% by mass) (23°C)



Sodium Hypochlorite solution (10% by mass) (23°C)



Sodium Carbonate solution (20% by mass) (23°C)



Sodium Carbonate solution (2% by mass) (23°C)

Zinc Chloride solution (50% by mass) (23°C)

Ethyl Acetate (23°C)



Hydrogen peroxide (23°C)



DOT No. 4 Brake fluid (130°C)



Ethylene Glycol (50% by mass) in water (108°C)



1% nonylphenoxy-polyethyleneoxy ethanol in water (23°C)





50% Oleic acid + 50% Olive Oil (23°C)

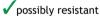


Water (23°C) Water (90°C)



Phenol solution (5% by mass) (23°C)

Symbols used:



Defined as: Supplier has sufficient indication that contact with chemical can be potentially accepted under the intended use conditions and expected service life. Criteria for assessment have to be indicated (e.g. surface aspect, volume change, property change).



not recommended - see explanation

Defined as: Not recommended for general use. However, short-term exposure under certain restricted conditions could be acceptable (e.g. fast cleaning with thorough rinsing, spills, wiping, vapor exposure).

Contact DuPont for Material Safety Data Sheet, general guides and/or additional information about ventilation, handling, purging, drying, etc. ISO Mechanical properties measured at 160 mil (Hytrel® measured at 80 mil), IEC Electrical properties measured at 80 mil, all ASTM properties measured at 120 mil, and test temperatures are 73°F unless otherwise stated.

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