

Page: 1/2

## Grivory HT1V-3 HY black 9205 PA6T/6I-GF30

## EMS-GRIVORY | a unit of EMS-CHEMIE AG

Product Texts

Product designation according to ISO 1874: PA6T/6I, MH, 14-110, GF30

dry / cond	Unit	Test Standard
11000 / 11000	MPa	ISO 527-1/-2
190 / 170	MPa	ISO 527-1/-2
2/2	%	ISO 527-1/-2
50 / 50	kJ/m²	ISO 179/1eU
50 / 50	kJ/m²	ISO 179/1eU
7/7	kJ/m²	ISO 179/1eA
7/7	kJ/m²	ISO 179/1eA
dry / cond	Unit	Test Standard
280 / 270	MPa	ISO 2039-1
dry / cond	Unit	Test Standard
325 / -	°C	ISO 11357-1/-3
280 / -	°C	ISO 75-1/-2
155 / -	°C	ISO 75-1/-2
20 / -	E-6/K	ISO 11359-1/-2
50 / -	E-6/K	ISO 11359-1/-2
HB/-	class	IEC 60695-11-10
0.8 / -	mm	IEC 60695-11-10
150	°C	ISO 2578
270	°C	EMS
dry / cond	Unit	Test Standard
1E11 / 1E11	Ohm*m	IEC 60093
-/1E12	Ohm	IEC 60093
30 / 30	kV/mm	IEC 60243-1
- / 575	-	IEC 60112
dry / cond	Unit	Test Standard
		Sim. to ISO 62
1.8 / -	%	Sim. to ISO 62
1440 / -	kg/m³	ISO 1183
dry / cond	Unit	Test Standard
0.2 / -	%	ISO 294-4, 2577
0.7 / -	%	ISO 294-4, 2577
	11000 / 11000 190 / 170 2 / 2 50 / 50 50 / 50 7 / 7 7 / 7 7 / 7 dry / cond 280 / 270 dry / cond 325 / - 280 / - 155 / - 20 / - 50 / - HB / - 0.8 / - 150 270 dry / cond 1E11 / 1E11 - / 1E12 30 / 30 - / 575 dry / cond 3.5 / - 1.8 / - 1440 / -	11000 / 11000         MPa           190 / 170         MPa           2 / 2         %           50 / 50         kJ/m²           50 / 50         kJ/m²           7 / 7         kJ/m²           dry / cond         Unit           280 / 270         MPa           dry / cond         Unit           325 / -         °C           280 / -         °C           155 / -         °C           20 / -         E-6/K           50 / -         E-6/K           50 / -         E-6/K           HB / -         class           0.8 / -         mm           150         °C           270         °C           dry / cond         Unit           1E11 / 1E11         Ohm*m           -/1E12         Ohm           30 / 30         kV/mm           -/575         -           dry / cond         Unit           3.5 / -         % <tr td=""></tr>

## Characteristics Processing Product Attributes Injection Molding Hydrolysis resistant Delivery form Automotive Granules Cooling and climate control, Powertrain and Chassis , Interior, Exterior Special Characteristics Improved UV resistance (outdoor use)

Created: 2017-08-11 Source: www.materialdatacenter.com

The values are intended to serve as an aid in preselecting materials and for an overview of the EMS-GRIVORY product range. The information contained in this publication is based on our present knowledge and experience. The given figures and data are guidance values and do not represent binding material specifications. No warranties of any kind, either express or implied, including warranties of merchantability or fitness for a particular purpose, are given regarding products, design, data and information. The customer is not released from his obligation to investigate the products fitness and the suitability for the intended application, compliance with legal requirements and intellectual property rights. We reserve the right to change the information at any time and without prior notice. The information is not to be considered a contractual obligation and anyliability whatsoever is expressly declined. For further questions about our products please contact our experts.

## Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa

Industry & Consumer goods

Heating systems, Hydraulics & Pneumatics

Created: 2017-08-11 Source: www.materialdatacenter.com

Page: 2/2

The values are intended to serve as an aid in preselecting materials and for an overview of the EMS-GRIVORY product range. The information contained in this publication is based on our present knowledge and experience. The given figures and data are guidance values and do not represent binding material specifications. No warranties of any kind, either express or implied, including warranties of merchantability or fitness for a particular purpose, are given regarding products, design, data and information. The customer is not released from his obligation to investigate the products fitness and the suitability for the intended application, compliance with legal requirements and intellectual property rights. We reserve the right to change the information at any time and without prior notice. The information is not to be considered a contractual obligation and anyliability whatsoever is expressly declined. For further questions about our products please contact our experts.