

## Grivory GV-4H natural

PA\*-GF40

EMS-GRIVORY | a unit of EMS-CHEMIE AG

### Product Texts

Product-nomenclature: ISO16396-PA66 PA6I,GF40,M1H,C14-140

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Molding shrinkage, parallel	0.1 / *	%	ISO 294-4, 2577
<sup>[C]</sup> Molding shrinkage, normal	0.6 / *	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	14000 / 13000	MPa	ISO 527
<sup>[C]</sup> Stress at break	230 / 210	MPa	ISO 527
<sup>[C]</sup> Strain at break	3 / 3	%	ISO 527
<sup>[C]</sup> Charpy impact strength, +23°C	90 / 90	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy impact strength, -30°C	70 / 70	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	13 / 13	kJ/m <sup>2</sup>	ISO 179/1eA
<sup>[C]</sup> Charpy notched impact strength, -30°C	11 / 11	kJ/m <sup>2</sup>	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melting temperature, 10°C/min	260 / *	°C	ISO 11357-1/-3
<sup>[C]</sup> Temp. of deflection under load, 1.80 MPa	235 / *	°C	ISO 75-1/-2
<sup>[C]</sup> Temp. of deflection under load, 8.00 MPa	145 / *	°C	ISO 75-1/-2

[C]: CAMPUS

Electrical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Volume resistivity	1E12 / 1E12	Ohm*m	IEC 62631-3-1
<sup>[C]</sup> Surface resistivity	* / 1E13	Ohm	IEC 62631-3-2
<sup>[C]</sup> Electric strength	33 / 33	kV/mm	IEC 60243-1
<sup>[C]</sup> Comparative tracking index	- / 600	-	IEC 60112

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
<sup>[C]</sup> Water absorption	4.5 / *	%	Sim. to ISO 62
<sup>[C]</sup> Humidity absorption	1.4 / *	%	Sim. to ISO 62
<sup>[C]</sup> Density	1470 / -	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

### Characteristics

#### Delivery form

Natural Color

#### Regional Availability

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