SCHULAMID® 66 GF 15 HI H

PA66-I-GF15 LyondellBasell Industries

Product Texts

15% glass fibre reinforced and impact modified polyamid 66-compound, heat stabilized.

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**5400 / 3200**	MPa	ISO 527
[C] Stress at break	**95 / 65**	MPa	ISO 527
[C] Strain at break	**3.8 / 15**	%	ISO 527
[C] Charpy impact strength, +23°C	**55 / 80**	kJ/m²	ISO 179/1eU
[C] Charpy impact strength, -30°C	**35 / -**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**10 / 15**	kJ/m²	ISO 179/1eA
[C] Charpy notched impact strength, -30°C	**4 / -**	kJ/m²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Temp. of deflection under load, 1.80 MPa	**238 / ***	°C	ISO 75-1/-2
[C] Temp. of deflection under load, 0.45 MPa	**250 / ***	°C	ISO 75-1/-2
[C] Vicat softening temperature, B	**232 / ***	°C	ISO 306
[C] Burning Behav. at 1.5 mm nom. thickn.	**HB / ***	class	IEC 60695-11-10
Thickness tested	**1.5 / ***	mm	-
Yellow Card available	**yes / ***	-	-
[C] Burning Behav. at thickness h	**HB / ***	class	IEC 60695-11-10
Thickness tested	**3.0 / ***	mm	-
Yellow Card available	**yes / ***	-	-

[C]: CAMPUS

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Comparative tracking index	**350 / -**	-	IEC 60112

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
[C] Density	**1200 / -**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat

Regional Availability

Europe

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