

SCHULAMID® XM GF 50 BLACK

(PA66+PA6I/6T)-GF50

LyondellBasell Industries

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	17500 / 16500	MPa	ISO 527
^[C] Stress at break	250 / 220	MPa	ISO 527
^[C] Strain at break	3 / 3	%	ISO 527
^[C] Charpy impact strength, +23°C	110 / 100	kJ/m ²	ISO 179/1eU
^[C] Charpy impact strength, -30°C	95 / -	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	17 / 17	kJ/m ²	ISO 179/1eA
^[C] Charpy notched impact strength, -30°C	15 / -	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Temp. of deflection under load, 1.80 MPa	225 / *	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	245 / *	°C	ISO 75-1/-2
^[C] Burning Behav. at thickness h	HB / *	class	IEC 60695-11-10
Thickness tested	0.8 / *	mm	-
Yellow Card available	yes / *	-	-
^[C] Burning rate, FMVSS, Thickness 1 mm	100	mm/min	ISO 3795 (FMVSS 302)

[C]: CAMPUS

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Comparative tracking index	600 / -	-	IEC 60112

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Water absorption	3.4 / *	%	Sim. to ISO 62
^[C] Humidity absorption	1.1 / *	%	Sim. to ISO 62
^[C] Density	1590 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Regional Availability

Europe