SCHULAMID® 6 MT 30

PA6-T30 LyondellBasell Industries

Product Texts

30% talc filled PA 6 grade

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**6500 / 3300**	MPa	ISO 527
[C] Stress at break	**70 / 45**	MPa	ISO 527
[C] Strain at break	**3.5 / 15**	%	ISO 527
[C] Charpy impact strength, +23°C	**35 / 60**	kJ/m²	ISO 179/1eU
[C] Charpy impact strength, -30°C	**30 / -**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**4 / 8**	kJ/m²	ISO 179/1eA
[C] Charpy notched impact strength, -30°C	**3 / -**	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	**100 / ***	°C	ISO 75-1/-2
[C] Temp. of deflection under load, 0.45 MPa	**200 / ***	°C	ISO 75-1/-2
[C] Vicat softening temperature, B	**200 / ***	°C	ISO 306
[C] Burning rate, FMVSS, Thickness 1 mm	**100**	mm/min	ISO 3795 (FMVSS 302)

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
[C] Density	**1360 / -**	kg/m³	ISO 1183

[C]: CAMPUS

Material specific properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Viscosity number	**140 / ***	cm³/g	ISO 307, 1157, 1628

[C]: CAMPUS

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	**80**	°C	-
Pre-drying - Time	**4 - 6**	h	-
Melt temperature	**250 - 280**	°C	-
Mold temperature	**60 - 90**	°C	-

Characteristics

Processing
Injection Molding

Additives
Release agent

Delivery form
Granules

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

Other text information

Injection molding

PREPROCESSING; **Pretreatment**
Predrying: 4-6h / 80°C

PROCESSING ;**Processing:**

Melttemperature	250 - 280	°C
Mouldtemperature	60 - 90	°C