

Schulamid 66 MT 30

Polyamide 66
LyondellBasell Industries
Engineering Plastics

Product Description

30%talc filled PA 66

General

Filler / Reinforcement	• Talc, 30% Filler by Weight
Processing Method	• Injection Molding
Part Marking Code (ISO 11469)	• >PA6-MT<

Physical	Dry	Conditioned	Unit	Test Method
Density	1.34	--	g/cm ³	ISO 1183/A
Viscosity Number	145	--	cm ² /g	ISO 307
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	798000 (5500)	--	psi (MPa)	ISO 527-1/1A/1
Tensile Stress (Break)	10700 (74.0)	--	psi (MPa)	ISO 527-2/1A/5
Tensile Strain (Break)	3.0	--	%	ISO 527-2/1A/5
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength (73°F (23°C))	1.7 (3.5)	--	ft·lb/in ² (kJ/m ²)	ISO 179/1eA
Charpy Unnotched Impact Strength 73°F (23°C)	20 (42)	--	ft·lb/in ² (kJ/m ²)	ISO 179/1eU
Hardness	Dry	Conditioned	Unit	Test Method
Ball Indentation Hardness (H 358/30)	29000 (200)	--	psi (MPa)	ISO 2039-1
Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	216 (102)	--	°F (°C)	ISO 75-2/Af
Electrical	Dry	Conditioned	Unit	Test Method
Surface Resistivity	> 1.0E+15	1.0E+12	ohms	IEC 60093
Volume Resistivity	> 1.0E+13	1.0E+10	ohms·m	IEC 62631-3-1
Flammability	Dry	Conditioned	Unit	Test Method
Burning Rate				
0.0787 In (2.00 Mm)	< 3.9 (< 100)	--	in/min (mm/min)	ISO 3795
0.0787 In (2.00 Mm)	< 3.9 (< 100)	--	in/min (mm/min)	FMVSS 302

Notes

These are typical property values not to be construed as specification limits.

