SCHULAMID® 66/6 MT 20 K1849

Polyamide 66/6 Copolymer

A. Schulman Europe

Message:

20% talc filled and impact modified Polyamide 66/6

General Information				
Filler / Reinforcement	Talc,20% Filler by Weight			
Features	Good Stiffness Good Wear Resistance Medium Viscosity Oil Resistant			
Processing Method	Injection Molding			
Physical	**Dry**	**Conditioned**	**Unit**	**Test Method**
Density	1.28	--	g/cm³	ISO 1183/A
Water Absorption (23°C, 24 hr)	1.4	--	%	ISO 62
Mechanical	**Dry**	**Conditioned**	**Unit**	**Test Method**
Tensile Modulus	3700	1500	MPa	ISO 527-2/1A/1
Tensile Stress (Yield)	55.0	33.0	MPa	ISO 527-2/1A/50
Tensile Strain (Yield)	3.5	27	%	ISO 527-2/1A/50
Impact	**Dry**	**Conditioned**	**Unit**	**Test Method**
Charpy Notched Impact Strength				ISO 179/1eA
-30°C	9.0	--	kJ/m²	
23°C	12	20	kJ/m²	
Charpy Unnotched Impact Strength				ISO 179/1eU
-30°C	No Break	--		
23°C	No Break	No Break		
Thermal	**Dry**	**Conditioned**	**Unit**	**Test Method**
Heat Deflection Temperature				
0.45 MPa, Unannealed	180	--	°C	ISO 75-2/Bf
1.8 MPa, Unannealed	65.0	--	°C	ISO 75-2/Af
Vicat Softening Temperature				
--	220	--	°C	ISO 306/A50
--	175	--	°C	ISO 306/B50
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·cm	IEC 60093
Flammability	Dry	Conditioned	Unit	Test Method
Burning Rate (2.00 mm)	< 100	--	mm/min	ISO 3795
Flammability Classification				IEC 60695-11-10, -20
1.50 mm	HB	--		
3.00 mm	HB	--		

Recommended distributors for this material

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