

SCHULAMID® 6 MT 30

Polyamide 6
A. Schulman Europe

Message:
30% talc filled Polyamide 6

General Information				
Filler / Reinforcement		Talc,30% Filler by Weight		
Features		Good Surface Finish		
		Low Warpage		
		Medium Viscosity		
		Oil Resistant		
Processing Method		Injection Molding		
Resin ID (ISO 1043)		PA6-T30		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.36	--	g/cm ³	ISO 1183/A
Viscosity Number	140	--	cm ³ /g	ISO 307
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	6500	3300	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	70.0	45.0	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	3.5	15	%	ISO 527-2/1A/5
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength				ISO 179/1eA
-30°C	3.0	--	kJ/m ²	
23°C	4.0	8.0	kJ/m ²	
Charpy Unnotched Impact Strength				ISO 179/1eU
-30°C	30	--	kJ/m ²	
23°C	35	60	kJ/m ²	
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature				
0.45 MPa, Unannealed	200	--	°C	ISO 75-2/Bf
1.8 MPa, Unannealed	100	--	°C	ISO 75-2/ Af
Vicat Softening Temperature				
--	215	--	°C	ISO 306/A50
--	200	--	°C	ISO 306/B50
Flammability	Dry	Conditioned	Unit	Test Method

Burning Rate	< 100	--	mm/min	ISO 3795
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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

