

SCHULAMID® 66 MV HI TST

Polyamide 66
A. Schulman Europe

Message:
Higher impact Polyamide 66 with recycled material

General Information				
Features		Low Temperature Impact Resistance		
		Medium Viscosity		
		Oil Resistant		
		Ultra High Impact Resistance		
		Ultra High Toughness		
Processing Method		Injection Molding		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.06	--	g/cm ³	ISO 1183/A
Water Absorption (Equilibrium, 23°C, 50% RH)	2.1	--	%	ISO 62
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	1650	600	MPa	ISO 527-2/1A/1
Tensile Stress (Yield)	42.0	28.0	MPa	ISO 527-2/1A/50
Tensile Strain (Yield)	10	30	%	ISO 527-2/1A/50
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength				ISO 179/1eA
-30°C	20	--	kJ/m ²	
23°C	35 kJ/m ²	No Break		
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	82.0	--	°C	ISO 75-2/Bf
1.8 MPa, Unannealed	50.0	--	°C	ISO 75-2/Af
Vicat Softening Temperature				
--	230	--	°C	ISO 306/A50
--	136	--	°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

