

SCHULAFORM® 9 A TF 20

Acetal (POM) Copolymer

A. Schulman Europe

Message:

20% PTFE modified POM

General Information			
Filler / Reinforcement	PTFE Fiber,20% Filler by Weight		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.50	g/cm ³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (190°C/2.16 kg)	10.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2300	MPa	ISO 527-2/1A/1
Tensile Stress (Yield)	46.0	MPa	ISO 527-2/1A/50
Tensile Strain (Yield)	7.0	%	ISO 527-2/1A/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	38	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	88.0	°C	ISO 75-2/Af
Vicat Softening Temperature	142	°C	ISO 306/B50
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	> 1.0E+15	ohms	IEC 60093
Volume Resistivity	> 1.0E+13	ohms·cm	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Burning Rate (2.00 mm)	34	mm/min	ISO 3795
Glow Wire Flammability Index			IEC 60695-2-12
1.50 mm	625	°C	
3.00 mm	625	°C	
Glow Wire Ignition Temperature			IEC 60695-2-13
1.50 mm	650	°C	
3.00 mm	650	°C	

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