

POLYFORT® FPP 10 TFA K1741

Polypropylene Homopolymer

A. Schulman Europe

Message:

10% talc filled PP-Homopolymer, very high flow and antistatic

General Information			
Filler / Reinforcement	Talc,10% Filler by Weight		
Features	Good Flow		
	Homopolymer		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.970	g/cm ³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	32.0	cm ³ /10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	83.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1700	MPa	ISO 527-2/1A/1
Tensile Stress (Yield)	32.0	MPa	ISO 527-2/1A/50
Tensile Strain (Yield)	8.0	%	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)	50	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	94.0	°C	ISO 75-2/Bf
1.8 MPa, Unannealed	57.0	°C	ISO 75-2/Af
Vicat Softening Temperature			
--	150	°C	ISO 306/A50
--	89.0	°C	ISO 306/B50
Flammability	Nominal Value	Unit	Test Method
Burning Rate	< 100	mm/min	ISO 3795

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