

POLYFORT® FPP 30 T SHH REC

Polypropylene Homopolymer

A. Schulman Europe

Message:

30% talc filled PP-Homopolymer with long term heat stabilization, recycled grade

General Information			
Filler / Reinforcement	Talc filler, 30% filler by weight		
Recycled Content	Yes		
Features	Homopolymer		
	Thermal Stability		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.15	g/cm ³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	18.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3100	MPa	ISO 527-2/1A/1
Tensile Stress (Yield)	28.0	MPa	ISO 527-2/1A/50
Tensile Strain (Yield)	4.0	%	ISO 527-2/1A/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.5	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	24	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	110	°C	ISO 75-2/Bf
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	< 100	mm/min	ISO 3795
Flammability Classification			IEC 60695-11-10, -20
1.50 mm	HB		IEC 60695-11-10, -20
3.00 mm	HB		IEC 60695-11-10, -20
Additional Information			

1.)

Not for use in food contact applications2.)

Not for use in medical or pharmaceutical applications

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