POLYFORT® FIPP 20 T LE K1832

Polypropylene Copolymer

A. Schulman Europe

Message:

20% talc filled high impact and low emission PP-Copolymer; good scratch resistance and UV-stability especiality for automotiv interior parts

General Information			
Filler / Reinforcement	Talc,20% Filler by Weight		
Features	High Impact Resistance Low Emissions Scratch Resistant		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.05	g/cm³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	7.00	cm³/10min	ISO 1133
Hardness	**Nominal Value**	**Unit**	**Test Method**
Ball Indentation Hardness (H 358/30)	50.0	MPa	ISO 2039-1
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	1800	MPa	ISO 527-2/1A/1
Tensile Stress (Yield)	22.0	MPa	ISO 527-2/1A/50
Tensile Strain (Yield)	5.0	%	ISO 527-2/1A/50
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	10	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (1.8 MPa, Unannealed)	50.0	°C	ISO 75-2/Af
Vicat Softening Temperature	143	°C	ISO 306/A50
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)	< 100	mm/min	ISO 3795
Flammability Classification			IEC 60695-11-10, -20
1.50 mm	HB		
3.00 mm	HB		

Recommended distributors for this material

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