

POLYFORT® FIPP 20 T LE K1731

Polypropylene Copolymer

A. Schulman Europe

Message:

20% talc filled PP-Copolymer with low emission; UV- and high heat stabilized

General Information			
UL YellowCard	E86615-100758685		
Filler / Reinforcement	Talc filler, 20% filler by weight		
Features	Low volatilization		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	7.00	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2100	MPa	ISO 527-2/1A/1
Tensile Stress (Yield)	23.0	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			ISO 179/1eA
-30°C	4.0	kJ/m ²	ISO 179/1eA
23°C	7.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	36	kJ/m ²	ISO 179/1eU
23°C	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	99.0	°C	ISO 75-2/Bf
1.8 MPa, not annealed	60.0	°C	ISO 75-2/ Af
Vicat Softening Temperature			
--	145	°C	ISO 306/A50
--	67.0	°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	< 100	mm/min	ISO 3795
Flammability Classification			IEC 60695-11-10, -20
1.50 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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