

POLYFORT® FPP 20/10 TGF

Polypropylene Homopolymer

A. Schulman Europe

Message:

Polypropylene Homopolymer 20% glass fiber/mineral filled

General Information			
Filler / Reinforcement	Glass \mineral, 20% filler by weight		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.03	g/cm ³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	6.00	cm ³ /10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	98.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3900	MPa	ISO 527-2/1A/1
Tensile Stress (Break, 23°C)	48.0	MPa	ISO 527-2/1A/5
Tensile Strain (Break, 23°C)	2.8	%	ISO 527-2/1A/5
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	6.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	4.0	kJ/m ²	ISO 179/1eU
23°C	32	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	159	°C	ISO 306/A50
--	110	°C	ISO 306/B50
Additional Information			

- 1.)
Not for use in food contact applications2.)
Not for use in medical or pharmaceutical applications

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