POLIFOR® L20 GF/20

POLIFOR®

Homopolymer Polypropylene. 20% Glass Reinforced.

Product information

Resin Identification	PP-GF20	ISO 1043
Part Marking Code	>PP-GF20<	ISO 11469

Rheological properties

Melt volume-flow rate	8	cm^3/10min	ISO 1133
Temperature	446	°F	
Load	4.76	lb	
Melt mass-flow rate	8	g/10min	ISO 1133
Melt mass-flow rate, Temperature	446	°F	
Melt mass-flow rate, Load	4.76	lb	

Typical mechanical properties

Tensile modulus	754000	psi	ISO 527-1/-2
Tensile stress at break, 5mm/min	10700	psi	ISO 527-1/-2
Tensile strain at break, 5mm/min	3.4	%	ISO 527-1/-2
Flexural modulus	696000	psi	ISO 178
Flexural strength	17400	psi	ISO 178
Charpy notched impact strength, 23°C	5.71	$ftlb/in^2$	ISO 179/1eA

Physical/Other properties

Density	0.0375	lb/in^3	ISO 1183

Revised: 2024-01-23 Source: Celanese Materials Database

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