

FORMULA P COMP 3220

Polypropylene
Putsch Kunststoffe GmbH

Message:
Polypropylene, with 20% Talc reinforcement.

General Information			
Filler / Reinforcement	Talc filler, 20% filler by weight		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	17	g/10 min	ISO 1133
Molding Shrinkage	1.0 - 1.2	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	29.0	MPa	ISO 527-2
Fracture	18.0	MPa	ISO 527-2
Tensile Strain (Break)	50	%	ISO 527-2
Flexural Modulus	2700	MPa	ISO 178
Flexural Stress (3.5% Strain)	60.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180
-20°C	1.0	kJ/m ²	ISO 180
23°C	2.5	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	98.0	°C	ISO 306/B
Flammability	Nominal Value	Unit	Test Method
Burning Rate	13	mm/min	VW TL1010
Additional Information			
Tensile Strength, ISO 527: 29 MPa			
Injection	Nominal Value	Unit	
Processing (Melt) Temp	220 - 255	°C	
Mold Temperature	20.0 - 40.0	°C	
Injection instructions			
Drying Not Required			

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Recommended distributors for this material

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