

FORMULA P COMP 5220

Polypropylene

Putsch Kunststoffe GmbH

Message:

Polypropylene with 20% talc reinforcement with a good flow and good heat resistance.

General Information			
Features	Good liquidity		
	Heat resistance, high		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ISO 1133
Molding Shrinkage	1.1 - 1.3	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	26.0	MPa	ISO 527-2
Fracture	16.0	MPa	ISO 527-2
Tensile Strain (Break)	40	%	ISO 527-2
Flexural Modulus	2800	MPa	ISO 178
Flexural Stress (3.5% Strain)	49.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	2.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	70.0	°C	ISO 75-2/A
Vicat Softening Temperature	85.0	°C	ISO 306/B
Additional Information			
Tensile Strength, ISO 527: 26 MPa			
Injection	Nominal Value	Unit	
Processing (Melt) Temp	230 - 240	°C	
Mold Temperature	30.0 - 50.0	°C	

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