

FORMULA P COMP 5220 M1 Z

Polypropylene Copolymer

Putsch Kunststoffe GmbH

Message:

Mineral filled PP copolymer. Good melt flow. Antistatic and scratch resistant.

General Information			
Filler / Reinforcement	Mineral filler		
Features	Copolymer		
	Antistatic property		
	Good liquidity		
	Scratch resistance		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	14	g/10 min	ISO 1133
Molding Shrinkage	0.90 - 1.1	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	20.5	MPa	ISO 527-2
Fracture	16.0	MPa	ISO 527-2
Tensile Strain (Break)	65	%	ISO 527-2
Flexural Modulus	2100	MPa	ISO 178
Flexural Stress (3.5% Strain)	53.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	8.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	66.0	°C	ISO 306/B
Additional Information			
Tensile Strength, ISO 527: 20.5 MPa			
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	250 - 260	°C	
Mold Temperature	40.0 - 60.0	°C	

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