

4PROP® 2C11120

Polypropylene Copolymer
4Plas

Message:

4PROP 2C11120 is a Recycled MFI 12 20% Talc Filled Copolymer Polypropylene

General Information			
Filler / Reinforcement	Talc filler, 20% filler by weight		
Features	Copolymer		
	Recyclable materials		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2000	MPa	ISO 527-2/5
Tensile Stress (Break, 23°C)	23.0	MPa	ISO 527-2/5
Tensile Strain (Break, 23°C)	14	%	ISO 527-2/5
Flexural Modulus ¹ (23°C)	2600	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	4.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	115	°C	ISO 75-2/B
Melting Temperature ²	165	°C	ISO 11357
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	HB		UL 94
Glow Wire Ignition Temperature (2.00 mm)	650	°C	IEC 60695-2-13
Injection	Nominal Value	Unit	
Processing (Melt) Temp	200 - 240	°C	
Mold Temperature	20.0 - 50.0	°C	
Injection Rate	Moderate		
Holding Pressure	40.0 - 80.0	MPa	
Screw Speed	200	rpm	
Injection instructions			
Feed Throat Temperature: 20 - 60 °CBack Pressure: Low			
NOTE			
1.	2.0 mm/min		
2.	10 K/min		

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Recommended distributors for this material

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