

4PROP® 9D11260

Polypropylene Homopolymer
4Plas

Message:
4PROP 9D11260 is a MFI 5 60% Barium Sulphate Filled Homopolymer Polypropylene

General Information			
Filler / Reinforcement	Barium sulfate, 60% filler by weight		
Features	Homopolymer		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.73	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	3000	MPa	ISO 527-2/5
Tensile Stress (Break, 23°C)	20.0	MPa	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180/1A
-30°C	3.0	kJ/m ²	ISO 180/1A
23°C	4.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	65.0	°C	ISO 75-2/A
Melting Temperature ¹	170	°C	ISO 11357
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
0.750 mm	HB		UL 94
1.60 mm	HB		UL 94
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.	10 K/min		

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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