

MAJORIS POLYPROPYLENE 30 MS NOIR 8229

Polypropylene

AD majoris

Message:

POLYPROPYLENE 30 MS NOIR 8229 is a 30% mineral filled polypropylene. It is only available in standard black colour.

APPLICATIONS

BLACK POLYPROPYLENE 30 MS 8229 is used for various injection applications. It is available in a large variety of colours but other colours can be provided on request.

General Information			
Filler / Reinforcement	Mineral filler, 30% filler by weight		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2/50
Yield	31.0	MPa	ISO 527-2/50
Fracture	14.0	MPa	ISO 527-2/50
Flexural Modulus	3350	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.5	kJ/m ²	ISO 179/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	135	°C	ISO 75-2/B
1.8 MPa, not annealed	74.0	°C	ISO 75-2/A
Vicat Softening Temperature	104	°C	ISO 306/B50
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Additional Information			
Tensile Stress at Yield, ISO 527, 50 mm/min: 29 to 33 MpaTensile Stress at Break, ISO 527, 50 mm/min: 13 to 15 MpaFlexural Modulus, ISO 178: 3200 to 3500 Mpa			
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	230 - 270	°C	
Mold Temperature	30.0 - 50.0	°C	
Injection Rate	Moderate		
Injection instructions			

Hold-on Pressure: 50 to 70% of the injection pressure.

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Recommended distributors for this material

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