

MAJORIS CW337 - 7731

Polypropylene Homopolymer

AD majoris

Message:

MAJORIS CW337-7731 is a polypropylene homopolymer (PP Homopoly) product. It can be processed by injection molding and is available in Europe.

Features include:

flame retardant/rated flame

environmental protection/green

Homopolymer

General Information			
Features	Homopolymer		
	Recyclable materials		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ISO 1133
Molding Shrinkage (2.00 mm)	1.4	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	70.0	MPa	ISO 527-2/5
Tensile Strain (Break)	4.0	%	ISO 527-2
Flexural Modulus ¹	3700	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-40°C	3.0	kJ/m ²	ISO 179/1eA
23°C	5.0	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	156	°C	ISO 75-2/B
1.8 MPa, not annealed	130	°C	ISO 75-2/A
Flammability	Nominal Value	Test Method	
Flame Rating	HB	UL 94	
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	220 - 270	°C	
Mold Temperature	30.0 - 70.0	°C	
Injection Rate	Moderate		
Injection instructions			

Holding pressure: 50 to 70% of the injection pressure

NOTE

1. 2.0 mm/min

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