

MAJORIS GW860

Polypropylene Copolymer

AD majoris

Message:

MAJORIS GW860 is a polypropylene copolymer (PP Copoly) product. It can be processed by injection molding and is available in Europe.

Features include:

flame retardant/rated flame

Copolymer

environmental protection/green

General Information			
Features	Copolymer		
	Recyclable materials		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	3.40	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	27	g/10 min	ISO 1133
Molding Shrinkage	0.85	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2100	MPa	ISO 527-2/1
Tensile Stress (Break)	12.0	MPa	ISO 527-2/50
Flexural Modulus ¹	3100	MPa	ISO 178
Flexural Stress ²	24.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	5.0	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	80.0	°C	ISO 75-2/B
Thermal Conductivity	1.1	W/m/K	
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	210 - 250	°C	
Mold Temperature	30.0 - 60.0	°C	
Injection Rate	Moderate		
Injection instructions			
Holding pressure: 50 to 70% of the injection pressure			

NOTE

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|----|------------|
| 1. | 2.0 mm/min |
| 2. | 50 mm/min |

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