

MAJORIS AN060

Polypropylene Copolymer

AD majoris

Message:

AN060 is a polypropylene copolymer compound, for extrusion applications.

APPLICATIONS

AN060 is recommended for the extrusion of profiles (Automotive parts, building, electrical, furniture and construction profiles or pipes).

General Information			
Features	Copolymer		
	Recyclable Material		
Uses	Automotive Applications		
	Building Materials		
	Construction Applications		
	Electrical/Electronic Applications		
	Furniture		
	Piping		
	Profiles		
Forms	Pellets		
Processing Method	Extrusion		
	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.30	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2/50
Yield	35.0	MPa	
Break	39.0	MPa	
Tensile Strain			ISO 527-2
Yield	5.0	%	
Break	500	%	
Flexural Modulus ¹	1500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	7.0	kJ/m ²	
23°C	70	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature (0.45 MPa, Unannealed)	94.0	°C	ISO 75-2/B
Vicat Softening Temperature	155	°C	ISO 306/A
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Extrusion	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0	hr	
Cylinder Zone 1 Temp.	190 to 230	°C	
Cylinder Zone 3 Temp.	190 to 230	°C	
Cylinder Zone 5 Temp.	190 to 230	°C	
Melt Temperature	200 to 230	°C	
Head Temperature	200 to 230	°C	
Die Temperature	200 to 230	°C	
NOTE			
1.	2.0 mm/min		

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