MAJORIS CN060 - 8229

Polypropylene Copolymer

AD majoris

Message:

CN 060 - 8229 is a very high impact polypropylene heterophasic copolymer (block copolymer) intended for injection moulding.
The product is available in black (CN 060 - 8229) but other colours can be supplied on request.
CN 060 - 8229 good process ability and demoulding properties. An excellent choice for household and packaging articles
APPLICATIONS
CN 060 - 8229 has been developed especially for demanding applications in automotive industry and transport packaging and house ware.

General Information			
Features	Block Copolymer Food Contact Acceptable Good Mold Release Good Processability High Impact Resistance Recyclable Material		
Uses	Automotive Applications Household Goods Packaging		
Appearance	Black Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.904	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ISO 1133
Molding Shrinkage	1.0 to 2.0	%	
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	81		ISO 2039-2
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	1250	MPa	ISO 527-2/1
Tensile Stress (Yield)	22.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	5.0	%	ISO 527-2/50
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	7.0	kJ/m²	
23°C	18	kJ/m²	

Multi-Axial Instrumented Impact Energy			ISO 6603-2
-20°C, Total Penetration Energy	46.0	J	
0°C, Total Penetration Energy	47.0	J	
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (0.45 MPa, Unannealed)	90.0	°C	ISO 75-2/B
Injection	**Nominal Value**	**Unit**	
Processing (Melt) Temp	230 to 260	°C	
Mold Temperature	10.0 to 30.0	°C	
Injection Rate	Fast		
Holding Pressure	20.0 to 50.0	MPa	

Recommended distributors for this material

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