

INCOLOR PP BK002

Polypropylene Homopolymer
Infinity LTL Engineered Compounds

Message:
UNREINFORCED POLYPROPYLENE HOMOPOLYMER

General Information			
Features	Homopolymer		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.908	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.5 to 2.0	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	106		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	36.5	MPa	ASTM D638
Tensile Elongation (Yield)	8.0 to 10	%	ASTM D638
Flexural Modulus	1450	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	53	J/m	ASTM D256
Unnotched Izod Impact	> 1100	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	96.1	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	> 1.0E+17	ohms · cm	ASTM D257
Injection	Nominal Value	Unit	
Drying Temperature	79.4	°C	
Drying Time	3.0 to 4.0	hr	
Suggested Max Moisture	0.020	%	
Processing (Melt) Temp	191 to 232	°C	
Mold Temperature	48.9	°C	

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Recommended distributors for this material

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