

ResMart Ultra CoPP 4-NB

Polypropylene Impact Copolymer

ResMart

Message:

Prime, FDA high impact copolymer polypropylene that can be used for injection or extrusion applications

General Information	
Features	High Impact Resistance
	Impact Copolymer
Agency Ratings	FDA Unspecified Rating
RoHS Compliance	RoHS Compliant
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	22.1	MPa	ASTM D638
Tensile Elongation (Yield)	9.0	%	ASTM D638
Flexural Modulus	965	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	73.9	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature - Desiccant Dryer	79.4	°C	
Drying Time - Desiccant Dryer	2.0	hr	
Processing (Melt) Temp	191 to 232	°C	
Mold Temperature	32.2 to 65.6	°C	
Injection Pressure	68.9 to 103	MPa	

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Recommended distributors for this material

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