

# ResMart Ultra HoPP 20 Adds

Polypropylene Homopolymer

ResMart

Message:

Prime Homopolymer Polypropylene with nuc and antistat additives that provides a good balance of properties with good melt flow

General Information			
Features	Good Flow		
	Homopolymer		
Agency Ratings	FDA Unspecified Rating		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	112		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	37.9	MPa	ASTM D638
Tensile Elongation (Yield)	7.5	%	ASTM D638
Flexural Modulus	1590	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	27	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	107	°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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