

# ResMart Ultra CoPP 20-NB

Polypropylene Impact Copolymer

ResMart

Message:

Prime FDA Impact Copolymer Polypropylene that provides a good combination of impact and flow

General Information			
Features	Good Flow		
	Good Impact Resistance		
	Impact Copolymer		
Agency Ratings	FDA Unspecified Rating		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	20.7	MPa	ASTM D638
Tensile Elongation (Yield)	5.1	%	ASTM D638
Flexural Modulus	896	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)	104	°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

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

