

ResMart Ultra HoPP 20- Prime Homopolymer Polypropylene barefoot that provides a good balance of properties with good melt flow.

Technical Data Sheet Properties

Physical Property	Value	Test Method
Melt Flow Rate @ 230°C - 2160g	20 g/10min	ASTM D 1238
Notched Izod Impact 0.125"	0.5 ft-lbs/in	ASTM D 256
Tensile Strength	5500 psi	ASTM D 638
Tensile Elongation @ Yield	7.5 %	ASTM D 638
HDT (66 psi) Unannealed	225 °F	ASTM D 648
Rockwell Hardness (R-Scale)	112	ASTM D 785
Flexural Modulus	.22 Mpsi	ASTM D 790
Specific Gravity	0.900	ASTM D 792

* Data herein is typical and not to be construed as specifications.

Injection Molding Processing Guidelines

Setting	Value
Drying Temperature	175 °F
Mold Temperature	90 - 150 °F
Drying Time	2 Hours
Melt Temperature	375 - 450 °F
Injection Pressure	10000 - 15000 psi

* Desiccant type dryer required.

Regulatory Compliance

Regulatory Compliance	Value
FDA Compliance	Yes
RoHS Compliance	Yes

The information provided on this datasheet should only be used as a guideline. Actual lot to lot values will vary.

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