



*Technical Data Sheet
General Processing Conditions*

ResMart Plus Nylon 6– General purpose nylon 6 that displays excellent colorability and property set

Technical Data Sheet Properties

Physical Property	Value	Test Method
Specific Gravity	1.13	ASTM D792
Tensile Strength	10,500 psi	ASTM D638
Flexural Modulus	420,000 psi	ASTM D790
Flexural Strength	15,000 psi	ASTM D790
Notched Izod Impact 0.125"	0.8 ft-lbs/in	ASTM D256
Unnotched Izod Impact 0.125"	No break	ASTM D256
Tensile Elongation	> 10%	ASTM D638
HDT @ 66 psi	340 °F	ASTM D 648
RoHS Compliance	RoHS Compliant	
FDA	No	

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

Injection Molding Processing Guidelines

Setting	Value
Drying Temperature	180 °F
Drying time	2 hours
Suggested max moisture	0.2 %
Dew point	0 °F
Melt temperature	470 - 535 °F
Mold temperature	130 - 200 °F
Injection Pressure	10,000 – 15,000 psi

*** Desiccant type dryer required**

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

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