

**ResMart Ultra PC/ABS - Polycarbonate/ABS alloy for injection molding applications**

Technical Data Sheet Properties

Physical Property	Value	Test Method
Specific Gravity	1.13	ASTM D 792
Melt Flow Rate @ 250°C - 10kg	27 g/10 min	ASTM D 1238
Mold Shrinkage	0.4 - 0.7 %	ASTM D 955

Mechanical Property	Value	Test Method
Tensile Strength at Yield	7800 psi	ASTM D 638
Tensile Strain at Break	100 %	ASTM D638
Tensile Modulus	290000 psi	ASTM D 638
Flexural Strength	11000 psi	ASTM D 790
Flexural Modulus	290000 psi	ASTM D 790
Notched Izod Impact (0.125in)	11 ft-lbs/in	ASTM D 256
Notched Izod Impact (0.25in)	8.3 ft-lbs/in	ASTM D 256
Rockwell Hardness (R-Scale)	113	ASTM D 785

Thermal Property	Value	Test Method
Vicat Softening Temperature	123 °C	ISO 306

Regulatory Compliance	Value
RoHS Compliance	Yes

Processing Guidelines	Value
Drying Time	4 Hours
Drying Temperature	200 °F
Melt Temperature	470 - 525 °F
Mold Temperature	125 - 200 °F

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

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