

ResMart Ultra SAN 9 - ResMart Ultra SAN 9

Technical Data Sheet Properties

Physical Property	Value	Test Method
Specific Gravity	1.07	ASTM D 792
Melt Flow Rate @ 230°C - 3.8kg	9 g/10 min	ASTM D 1238
Mold Shrinkage	0.2 - 0.6 %	ASTM D 955

Mechanical Property	Value	Test Method
Tensile Elongation	4.5 %	ASTM D 638
Tensile Strength	10000 psi	ASTM D 638
Flexural Strength	14900 psi	ASTM D 790
Flexural Modulus	489900 psi	ASTM D 790
Notched Izod Impact (0.125in)	0.4 ft-lbs/in	ASTM D 256

Thermal Property	Value	Test Method
HDT (264 psi) Unannealed	198 °F	ASTM D 648
Vicat Softening Point	225 °F	ASTM D 1525

Regulatory Compliance	Value
FDA Compliance	Yes
RoHS Compliance	Yes

Processing Guidelines	Value
Drying Temperature	180 °F
Drying Time	2 - 3 Hours
Melt Temperature	450 - 520 °F
Mold Temperature	120 - 180 °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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