

**ResMart Ultra MABS CLR - Clear MABS for injection molding applications**

Technical Data Sheet Properties

Physical Property	Value	Test Method
Specific Gravity	1.09	ASTM D 792
Melt Flow Rate @ 220°C - 10kg	25 g/10 min	ASTM D 1238
Mold Shrinkage	0.4 - 0.6 %	ASTM D 955

Mechanical Property	Value	Test Method
Tensile Strength	6950 psi	ASTM D 638
Tensile Elongation	20 %	ASTM D 638
Flexural Strength	10700 psi	ASTM D 790
Flexural Modulus	313000 psi	ASTM D 790
Notched Izod Impact (0.125in)	2.0 ft-lbs/in	ASTM D 256
Rockwell Hardness (R-Scale)	115	ASTM D 785
Haze	2 %	ASTM D1003
Transmittance	88 %	ASTM D 1003

Regulatory Compliance	Value
RoHS Compliance	Yes

Processing Guidelines	Value
Drying Temperature	180 °F
Drying Time	2 - 4 Hours
Melt Temperature	400 - 460 °F
Mold Temperature	145 - 185 °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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