

ResMart Ultra PC LF UV - High performance low flow polycarbonate with UV for extrusion applications

Technical Data Sheet Properties

Physical Property	Value	Test Method
Transmittance	90 %	ASTM D 1003
Notched Izod Impact 0.125"	17 ft-lbs/in	ASTM D 256
Unnotched Izod Impact 0.125"	No Break	ASTM D 256
Tensile Strength	8500 psi	ASTM D 638
HDT (264 psi) Unannealed	270 °F	ASTM D 648
Flexural Modulus	0.34 Mpsi	ASTM D 790
Specific Gravity	1.20	ASTM D 792
Melt Flow Rate @ 300°C - 1200g	6 g/10min	ASTM D1238

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

Injection Molding Processing Guidelines

Setting	Value
Drying Temperature	250 °F
Mold Temperature	180 - 250 °F
Melt Temperature	550 - 600 °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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