

Cresset Powers Cress-Alon™ A2350 2.35 r.v. Injection Molding Grade Nylon 6, 50% RH

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

Neat resin, for injection molding. Information provided by Cresset Powers Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cresset-Powers-Cress-Alon-A2350-235-rv-Injection-Molding-Grade-Nylon-6-50-RH.php

Physical Properties	Metric	English	Comments
Density	1.12 - 1.14 g/cc	0.0405 - 0.0412 lb/in³	ASTM D792
Apparent Bulk Density	0.650 g/cc	0.0235 lb/in³	circa
Viscosity Measurement	2.3 - 2.4	2.3 - 2.4	Relative Viscosity
Melt Flow	79 g/10 min @Load 2.16 kg, Temperature 230 °C	79 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	80.0 MPa	11600 psi	ASTM D638
Izod Impact, Notched	0.680 J/cm	1.27 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	220 °C	428 °F	ASTM DSC
Deflection Temperature at 0.46 MPa (66 psi)	185 °C	365 °F	

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.10 %	<= 0.10 %	

Descriptive Properties	Value	Comments
Extractables, wt%	<0.5	

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