

NOVA Chemicals Sclair® 2515 MDPE Injection Molding Resin (discontinued **)

Category : Polymer , Thermoplastic , Polyethylene (PE) , MDPE , Medium Density Polyethylene (MDPE), Molded

Material Notes:

Features: Excellent processability for applications requiring moderate stiffness and improved toughnessExcellent cold temperature impact properties Applications: Ice cream containersHousewares Deep skirt lidsInformation provided by Nova Chemicals

Order this product through the following link:

http://www.lookpolymers.com/polymer_NOVA-Chemicals-Sclair-2515-MDPE-Injection-Molding-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Bulk Density	0.580 g/cc	0.0210 lb/in ³	
Density	0.941 g/cc	0.0340 lb/in ³	ASTM D792
Melt Flow	50 g/10 min @Load 2.16 kg, Temperature 190 °C	50 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238
Spiral Flow	37.0 cm	14.6 in	NOVA

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	62	62	ASTM D2240
Tensile Strength, Yield	20.0 MPa	2900 psi	50 mm/min; ASTM D638
Elongation at Break	16 %	16 %	50 mm/min; ASTM D638
Flexural Modulus	0.760 GPa	110 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Vicat Softening Point	114 °C	237 °F	ASTM D1525

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