

NOVA Chemicals Sclair® IG464-C Injection Molded HDPE Resin

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Injection Molded

Material Notes:

IG464-C complies with the U.S. FDA specifications for olefin polymers and may thus be used in the United States as an article or component of an article intended for use in contact with food. IG464-C is subject to the specific limitation that it may contact food only at temperatures of 212°F and below. NOVA Chemicals' polyethylene resins are chemically and biologically inert. Features: Superior stiffness allows for part thinwalling and enhanced stacking strength, Low viscosity for exceptional processability yielding shorter cycle times and energy savings, Exceptional physical properties provide impact resistance for demanding applications, Low warpage for improved part quality and reliability. Additives: Antioxidant. Applications: Crates, Pallets, Totes, Pails

Order this product through the following link:

http://www.lookpolymers.com/polymer_NOVA-Chemicals-Sclair-IG464-C-Injection-Molded-HDPE-Resin.php

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	20.0 MPa	2900 psi	50 mm/min test speed; ASTM D 638
Tensile Strength, Yield	27.0 MPa	3920 psi	50 mm/min test speed; ASTM D 638
Elongation at Break	1250 %	1250 %	50 mm/min test speed; ASTM D 638
Elongation at Yield	8.0 %	8.0 %	50 mm/min test speed; ASTM D 638
Flexural Modulus, 1% Secant	1300 MPa	189000 psi	ASTM D 790

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