

NOVA Chemicals Surpass® IFs932-R Octene SLLDPE Injection Molding Resin

Category : Polymer , Thermoplastic , Polyethylene (PE) , LLDPE , Linear Low Density Polyethylene (LLDPE), Injection Molded

Material Notes:

IFs932-R complies with the U.S. FDA regulations 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. NOVA Chemicals' polyethylene resins are biologically and chemically inert. Features: Excellent balance of stiffness and toughness to meet application requirements, Low viscosity for exceptional processability yielding shorter cycle times and energy savings, Increases opportunities for light-weighting of lid designs, Low warpage for improved part quality and reliability, Superior organoleptic properties, Excellent contact clarity properties. Additives: Antioxidant, Mold release. Applications: Lids, for non-frozen, thin wall, food packaging containers

Order this product through the following link:

http://www.lookpolymers.com/polymer_NOVA-Chemicals-Surpass-IFs932-R-Octene-SLLDPE-Injection-Molding-Resin.php

Physical Properties	Metric	English	Comments
Density	0.932 g/cc	0.0337 lb/in ³	ASTM D 792
Melt Flow	150 g/10 min @Load 2.16 kg, Temperature 190 °C	150 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D 1238
Spiral Flow	50.8 cm	20.0 in	NOVA Chemicals snake flow number

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	60	60	ASTM D 2240
Tensile Strength at Break	10.0 MPa	1450 psi	Rate of 50 mm/min; ASTM D 638
Tensile Strength, Yield	16.0 MPa	2320 psi	Rate of 50 mm/min; ASTM D 638
Elongation at Break	35 %	35 %	Rate of 50 mm/min; ASTM D 638
Elongation at Yield	11 %	11 %	Rate of 50 mm/min; ASTM D 638
Tensile Modulus	0.700 GPa	102 ksi	1% Secant; ASTM D 638
Flexural Modulus, 1% Secant	580 MPa	84100 psi	ASTM D 790

Thermal Properties	Metric	English	Comments
Vicat Softening Point	98.0 °C	208 °F	ASTM 1525

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China