

LyondellBasell AdsyL[®] 5C30F Thermoplastic Olefin Resin

Category : Polymer , Thermoplastic

Material Notes:

Primary Processing Method: Film extrusion
Key Features: thermoplastic olefin resins for film extrusion, good clarity and gloss, good moisture barrier properties, very low seal initiation temperature, FDA acceptable
Applications: food and non-food packaging, lamination films
Meets FDA requirements in 21 CFR 177.1520 for all food contact, excluding cooking applications.
Description: AdsyL 5C30F thermoplastic olefin resin are designed for film extrusion applications. It is a barefoot formulation. This resin is based on materials produced by Montell's proprietary Catalloy process. This resin meets FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for resins in rubber articles for repeated use applications. All ingredients meet the chemical registration requirements of TSCA and DSL. Information provided by Montell Polyolefins. LyondellBasell is the successor company to Montell.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LyondellBasell-AdsyL-5C30F-Thermoplastic-Olefin-Resin.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D792B
Melt Flow	5.5 g/10 min @Load 2.16 kg, Temperature 230 °C	5.5 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	22.0 MPa	3190 psi	ASTM D638
Elongation at Yield	13 %	13 %	ASTM D638
Flexural Modulus	0.650 GPa	94.3 ksi	1% secant at 0.05 in/min; ASTM D790A
Izod Impact, Notched	0.870 J/cm	1.63 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	63.0 °C	145 °F	ASTM D648

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