

Total PPR LX5 02-15 Polypropylene, Metallocene Film Resin

Category : Polymer , Film , Thermoplastic , Polypropylene (PP) , Polypropylene, Film Grade

Material Notes:

TOTAL Petrochemicals Polypropylene LX5 02-15 is an experimental grade of isotactic polypropylene copolymer produced via TOTAL proprietary metallocene catalyst technology. Benefits. LX5 02-15 produces films with excellent heat seal performance and outstanding optical properties. FDA. LX5 02-15 is cleared for food contact under Title 21 CFR Section 177.1520(c) 3.2a. Recommended Applications. LX5 02-15 is an excellent material for use as a heat sealable layer un production of coextruded biaxially oriented films due to its good processing, excellent optics, very low extractables, low seal initiation temperature and exceptional hot tack seal strength properties. Information provided by Total Petrochemicals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-PPR-LX5-02-15-Polypropylene-Metallocene-Film-Resin.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.895 g/cc	0.895 g/cc	ASTM D1505
Melt Flow	12 g/10 min	12 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	48.0 MPa	6960 psi	ASTM D638
Elongation at Break	800 %	800 %	ASTM D638
Heat Seal Strength Initiation Temperature	105 °C	221 °F	

Thermal Properties	Metric	English	Comments
Melting Point	119 °C	246 °F	DSC

Optical Properties	Metric	English	Comments
Haze	0.30 %	0.30 %	ASTM D1003
Gloss	96 %	96 %	at 45°; ASTM D2457

Processing Properties	Metric	English	Comments
Melt Temperature	218 - 274 °C	424 - 525 °F	

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