

Nylene® 615I Nylon 6, Film Grade

Category : Polymer , Film , Thermoplastic , Nylon , Nylon 6 , Nylon 6, Film Grade

Material Notes:

Film Grade. Nylene 615I is an extrusion grade nylon 6 resin suitable for film co- extrusion applications and blown film. It has excellent melt stability and good melt strength. Nylene 615I has superior grease resistance, toughness, resistance to abrasion, and does not absorb food odors. Nylene 615I meets the requirements of FDA regulation 21 CFR 177.1500 for direct food contact. ALM, Nylene Canada, and Custom Resins are all operating companies of Polymeric Resources Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Nylene-615I-Nylon-6-Film-Grade.php

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	38.0 MPa	5510 psi	Orientation not specified; ASTM D882
Film Elongation at Break, MD	290 %	290 %	Orientation not specified; ASTM D882
Secant Modulus	0.650 GPa	94.3 ksi	ASTM D882
Elmendorf Tear Strength MD	56 g	56 g	Orientation not specified; ASTM D1922
Film Tensile Strength at Break, MD	60.0 MPa	8700 psi	Orientation not specified; ASTM D882

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