

ExxonMobil Escorene® HDZ-128 MMW-HDPE Blown Film Resin (discontinued **)

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Film Grade

Material Notes:

Data provided by the manufacturer, Exxon Chemical. Can be processed on high stalk, pocket extrusion or cast lines. Films made from HDZ-128 exhibit an excellent stiffness balance. High thermal stability provides excellent film appearance and high quality recycle. Applications: Oriented film products; Protective packaging; Deli wrap; Specialty packaging. Data for film properties below based on 1 mil film.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-HDZ-128-MMW-HDPE-Blown-Film-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.958 g/cc	0.0346 lb/in ³	Exxon Method
Thickness	25.4 microns	1.00 mil	
Melt Flow	0.45 g/10 min	0.45 g/10 min	Exxon Method (I2). HLMI (I21) is 30 g/10 min.

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	32.0 MPa	4640 psi	ASTM D882
Film Tensile Strength at Yield, TD	26.0 MPa	3770 psi	ASTM D882
Elongation at Break	410 %	410 %	ASTM D638
Secant Modulus, MD	1.15 GPa	167 ksi	ASTM D882
Secant Modulus, TD	1.70 GPa	247 ksi	ASTM D882
Elmendorf Tear Strength, MD	0.433 g/micron	11.0 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	28.0 g/micron	710 g/mil	ASTM D1922
Dart Drop	<= 1.46 g/micron	<= 37.0 g/mil	F50; ASTM D1709
Film Tensile Strength at Break, MD	72.0 MPa	10400 psi	ASTM D882
Film Tensile Strength at Break, TD	36.0 MPa	5220 psi	ASTM D882

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