

LLDPE-16501

 Linear Low Density Polyethylene
 for Film Applications

General Description

16501 LLDPE film resin combines ease of processing with excellent optics and high strength. This resin is well suited to replace LLDPE/LDPE blends in blown film applications.

Typical Applications

- Liners
- Blends
- Thin films
- Trash bags

Grade: Film

Catalyst: Z-212

Product Specification

PHYSICAL/MECHANICAL PROPERTIES	VALUE*	UNIT	TEST METHOD
Dart	105	g	ASTM D1709/A
Density	916-920	g/l	ASTM D1505
Elmendorf tear, MD	180	g	ASTM D1922
Elmendorf tear, TD	380	g	ASTM D1922
Elongation at break, MD	670	%	ASTM D882
Elongation at break, TD	770	%	ASTM D882
Fish eyes (Gels)	60	No/m ²	
Gloss 45°	25	%	ASTM D1709/A
Haze	35	%	ASTM D1003
MFR "E"	0.95	g/10 min	ASTM D1238
Tensile strength, MD	42	MPa	ASTM D882
Tensile strength, TD	33	MPa	ASTM D882
Yield strength, MD	12.7	MPa	ASTM D882
Yield strength, TD	12.7	MPa	ASTM D882

* Typical values; not to be considered as product specification.

Note: Film properties have been obtained at a standard thickness of 25 micron, made on blown extruder according to method MA 17313, unless specified.

Rayomand Petroleum and Energy Commercial Co. 2 nd Floor, No. 48, 37 th Avenue - Saadat Abad Blvd. Tehran - Iran	Tel: +98 21 2265 9165 Fax: +98 21 2265 9110	www.rayomand.com email: info@rayomand.com
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NOTICE: All tests were performed under laboratory conditions and standard testing methods. The data are intended as a general guide only and do not necessarily represent results that might be obtained elsewhere. The use of this product must be guided by the user's own methods for selection of proper formulation. RAYOMAND disclaims any responsibility for misuse or misapplication of this product. RAYOMAND makes no warranty of merchantability and there is no warranty that goods supplied shall be fit for any particular purpose. RAYOMAND liability and customer's exclusive remedy for any claims arising out of sales of its products are expressly limited. The customer is responsible for determining whether products and information in this document are appropriate for the customer's use.