

ExxonMobil HDPE HTA 108 High Density Polyethylene Resin

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE

Material Notes:

Product Description: HTA 108 is a homopolymer HDPE film grade designed to improve stiffness and barrier in coextrusion or in PE blends.

When blended with LLDPE, HTA 108 improves their processability. Availability: Africa & Middle East, Asia Pacific and Europe Additive:

Antiblock: NoSlip: NoThermal Stabilizer: Yes Applications: Blown FilmBread BagsCollation ShrinkFood packagingForm Fill and Seal

PackagingFreezer FilmGeneral Packaging Industrial PackagingLabel FilmLamination FilmMultilayer Packaging FilmOverwrap

FilmPackaging FilmsShoppersShrink FilmStand Up Pouches Information provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-HDPE-HTA-108-High-Density-Polyethylene-Resin.php

Physical Properties	Metric	English	Comments
Density	0.961 g/cc	0.0347 lb/in ³	ASTM D4883
Melt Flow	0.70 g/10 min @Load 2.16 kg, Temperature 190 °C	0.70 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	490 %	490 %	ASTM D882
Elmendorf Tear Strength MD	10 g	10 g	ASTM D1922
Elmendorf Tear Strength TD	810 g	810 g	ASTM D1922
Dart Drop Test	<= 20.0 g	<= 0.0441 lb	ASTM D1709A
Film Tensile Strength at Break, MD	68.9 MPa	10000 psi	ASTM D882
Film Tensile Strength at Break, TD	37.2 MPa	5400 psi	ASTM D882
1% Secant Modulus, MD	1170 MPa	170000 psi	ASTM D882
1% Secant Modulus, TD	1720 MPa	250000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Vicat Softening Point	129 °C	264 °F	ASTM D1525

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