

## ExxonMobil HDPE HTA 001HD High Density Polyethylene (HMW) Resin

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

**Material Notes:**

**Product Description:** HTA 001HD is a high weight HDPE film grade. Films made from HTA 001HD exhibit excellent impact and toughness properties as well as high stiffness. **Availability:** Africa & Middle East and Asia Pacific **Additive:** Antiblock: NoSlip: NoThermal Stabilizer:

**Yes Applications:** Blown FilmGrocery SacksLinersProduce BagsProduce Bags on a RollRefuse BagsThin Gauged Consumer BagsTrash Can LinersInformation provided by ExxonMobil

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-HDPE-HTA-001HD-High-Density-Polyethylene-HMW-Resin.php](http://www.lookpolymers.com/polymer_ExxonMobil-HDPE-HTA-001HD-High-Density-Polyethylene-HMW-Resin.php)

Physical Properties	Metric	English	Comments
Density	0.952 g/cc	0.0344 lb/in <sup>3</sup>	ASTM D4883
Melt Flow	9.0 g/10 min @Load 21.6 kg, Temperature 190 °C	9.0 g/10 min @Load 47.6 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	40.7 MPa	5900 psi	ASTM D882
Film Tensile Strength at Yield, TD	30.3 MPa	4400 psi	ASTM D882
Film Elongation at Break, MD	220 %	220 %	ASTM D882
Film Elongation at Break, TD	430 %	430 %	ASTM D882
Elmendorf Tear Strength MD	8.0 g	8.0 g	ASTM D1922
Elmendorf Tear Strength TD	30 g	30 g	ASTM D1922
Dart Drop Test	190 g	0.419 lb	ASTM D1709A
Film Tensile Strength at Break, MD	59.3 MPa	8600 psi	ASTM D882
Film Tensile Strength at Break, TD	55.8 MPa	8100 psi	ASTM D882
1% Secant Modulus, MD	1170 MPa	170000 psi	ASTM D882
1% Secant Modulus, TD	1170 MPa	170000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Vicat Softening Point	126 °C	259 °F	ASTM D1525

**Contact Songhan Plastic Technology Co.,Ltd.**

**Website : [www.lookpolymers.com](http://www.lookpolymers.com)**

**Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)**

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

**Address : United North Road 215,Fengxian District, Shanghai City,China**