

# ExxonMobil™ HD 6207FL

(Legacy name: ExxonMobil™ HDPE HTA 108)

## High Density Polyethylene

### Product Description

ExxonMobil™ HD 6207FL is a homopolymer HDPE film grade designed to improve stiffness and barrier in coextrusion or in PE blends. When blended with LLDPE or metallocene LLDPE, ExxonMobil™ HD 6207FL improves their processability.

### General

Availability <sup>1</sup>	▪ Africa & Middle East	▪ Asia Pacific	▪ Europe
Additive	▪ Antiblock: No	▪ Slip: No	▪ Thermal Stabilizer: Yes
Applications	▪ Blown Film ▪ Bread Bags ▪ Collation Shrink ▪ Food Packaging ▪ Form Fill And Seal Packaging ▪ Freezer Film	▪ General Packaging ▪ Industrial Packaging ▪ Label Film ▪ Lamination Film ▪ Multilayer Packaging Film ▪ Overwrap Film	▪ Packaging Films ▪ Shoppers ▪ Shrink Film ▪ Stand Up Pouches
Revision Date	▪ 03/01/2014		

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.961 g/cm <sup>3</sup>	0.961 g/cm <sup>3</sup>	ASTM D1505
Melt Index (190°C/2.16 kg)	0.70 g/10 min	0.70 g/10 min	ASTM D1238
High Load Melt Index (190°C/21.6 kg)	46 g/10 min	46 g/10 min	ASTM D1238

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	261 °F	127 °C	ASTM D1525

Film Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Break MD	8700 psi	60 MPa	ASTM D882
Tensile Strength at Break TD 20 in/min (500 mm/min)	4500 psi	31 MPa	ASTM D882
Elongation at Break MD 20 in/min (500 mm/min)	510 %	510 %	ASTM D882
Elongation at Break TD 20 in/min (500 mm/min)	2 %	2 %	ASTM D882
Secant Modulus MD - 1% Secant	170000 psi	1200 MPa	ASTM D882
Secant Modulus TD - 1% Secant	250000 psi	1700 MPa	ASTM D882
Dart Drop Impact	< 30 g	< 30 g	ASTM D1709A
Elmendorf Tear Strength MD	10 g	10 g	ASTM D1922
Elmendorf Tear Strength TD	200 g	200 g	ASTM D1922

### Additional Information

Monolayer Film:

ExxonMobil™ HD 6207FL can be added to LDPE, LLDPE or mLLDPE films to increase stiffness when high transparency is not mandatory.

### Legal Statement

Contact your ExxonMobil Chemical Customer Service Representative for potential food contact application compliance (e.g. FDA, EU, HPFB).

This product is not intended for use in medical applications and should not be used in any such applications.

### Processing Statement

The test specimens for Vicat Softening Point were prepared using ASTM D 4703. All film properties have been measured on 25 µm (0.98 mil) thick films (BUR of 2.5 : 1, pocket extrusion at 200°C / 392°F). Properties of coextruded films and blends can be found in the HTA108 Fact Sheet.

### Notes

Typical properties: these are not to be construed as specifications.

<sup>1</sup> Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete Country Availability.

ExxonMobil™ HD 6207FL  
High Density Polyethylene

For additional technical, sales and order assistance: [www.exxonmobilchemical.com/ContactUs](http://www.exxonmobilchemical.com/ContactUs)

©2025 ExxonMobil. ExxonMobil, the ExxonMobil logo, the interlocking "X" device and other product or service names used herein are trademarks of ExxonMobil, unless indicated otherwise. This document may not be distributed, displayed, copied or altered without ExxonMobil's prior written authorization. To the extent ExxonMobil authorizes distributing, displaying and/or copying of this document, the user may do so only if the document is unaltered and complete, including all of its headers, footers, disclaimers and other information. You may not copy this document to or reproduce it in whole or in part on a website. ExxonMobil does not guarantee the typical (or other) values. Any data included herein is based upon analysis of representative samples and not the actual product shipped. The information in this document relates only to the named product or materials when not in combination with any other product or materials. We based the information on data believed to be reliable on the date compiled, but we do not represent, warrant, or otherwise guarantee, expressly or impliedly, the merchantability, fitness for a particular purpose, freedom from patent infringement, suitability, accuracy, reliability, or completeness of this information or the products, materials or processes described. The user is solely responsible for all determinations regarding any use of material or product and any process in its territories of interest. We expressly disclaim liability for any loss, damage or injury directly or indirectly suffered or incurred as a result of or related to anyone using or relying on any of the information in this document. This document is not an endorsement of any non-ExxonMobil product or process, and we expressly disclaim any contrary implication. The terms "we," "our," "ExxonMobil Product Solutions" and "ExxonMobil" are each used for convenience, and may include any one or more of ExxonMobil Product Solutions Company, Exxon Mobil Corporation, or any affiliate either directly or indirectly stewarded.

[exxonmobilchemical.com](http://exxonmobilchemical.com)