ExxonMobil™ HDPE HD 7800P

High Density Polyethylene Resin

Product Description

HD7800P is a pipe extrusion grade high density polyethylene copolymer offering an excellent combination of stiffness and stress crack resistance. This material meets or exceeds the AASHTO M294.

General

Availability [1]	▪ Latin America	▪ North America	
Additive	▪ Thermal Stabilizer: Yes	▪ Antistatic: No	
Applications	▪ Agriculture Products Containers ▪ Caps and Closures ▪ Food Packaging	▪ Highway Drainage Pipe ▪ Household and Industrial chemical containers ▪ Thermoformed Parts	▪ Thin Gauge Sheet
Revision Date	▪ 03/01/2010		

Resin Properties	Typical Value (English)		Typical Value (SI)		Test Based On
Density	0.953	g/cm³	0.953	g/cm³	ASTM D4883
Melt Index (190°C/2.16 kg)	0.25	g/10 min	0.25	g/10 min	ASTM D1238
High Load Melt Index (190°C/21.6 kg)	30	g/10 min	30	g/10 min	ASTM D1238

Molded Properties	Typical Value (English)		Typical Value (SI)		Test Based On
Tensile Strength at Yield (73°F (23°C))	4100	psi	28	MPa	ASTM D638
Flexural Modulus - 2% Secant	140000	psi	970	MPa	ASTM D790
Notched Constant Ligament Stress (NCLS)	> 24	hr	> 24	hr	ASTM F2136

Legal Statement

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

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

Processing Statement

1. Values are typical and should not be interpreted as specifications. Values may change with future development. 2. All molded properties were measured on compression molded plaques. 3. Flexural modulus tested using Procedure B

Notes

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

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

For additional technical, sales and order assistance: www.exxonmobilchemical.com/ContactUs

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