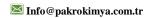
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Product Datasheet

ExxonMobil™ LDPE LD 506.07





Product Description

ExxonMobil™ LD 506.07 resin is a high flow LDPE homopolymer designed to provide good processability. It is suitable for use in making color concentrates and injection molded articles.

General						
Availability ¹	 Latin America 	•	North America			
Additive	 Antiblock: No 		Slip: No	 Thermal S 	 Thermal Stabilizer: Yes 	
Applications	CapsClosuresCompounding		Food Packaging Containers Houseware Articles Injection Molding	Masterbat	Masterbatch Base Resin	
Form(s)	 Pellets 					
Revision Date	• 06/17/2020					
	T : 1771	/E !: ! \	T 1 1141	(51)	T . D . 10	
Resin Properties	Typical Value		Typical Value		Test Based Or	
Density	0.921			g/cm ³	ASTM D1505	
Melt Index (190°C/2.16 kg)	33	<u> </u>		g/10 min	ASTM D1238	
Peak Melting Temperature	230	°F	110	°C	ExxonMobil Method	
Thermal	Typical Value	(English)	Typical Value	(SI)	Test Based Or	
Vicat Softening Temperature	194		90.0		ExxonMobil Method	
		1				
Molded Properties	Typical Value		Typical Value		Test Based Or	
Tensile Strength at Yield	1900	psi	13	MPa	ExxonMobil Method	
Tensile Strength at Break	1400	psi	9.6	MPa	ExxonMobil Method	
Elongation at Yield	50	%	50	%	ExxonMobil Method	
Elongation at Break	94	%	94	%	ExxonMobil Method	
Flexural Modulus - 1% Secant	35000	psi	240	MPa	ExxonMobil Method	
Durometer Hardness					ExxonMobil	
Shore A, 15 sec	91		91		Method	
Shore D, 15 sec	47		47			
mpact	Typical Value	(English)	Typical Value	(SI)	Test Based Or	
Instrumented Dart Impact	i ypicai value	(Eligisii)	i ypicai value	(31)	ExxonMobil	
-40°F (-40°C)	/ 2	ft·lb	8.5		Method	
` ,		π·lb ft·lb			MEGIOG	
73°F (23°C)	12	TUID	16	J		

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

All physical properties were measured on compression molded specimens.

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.

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

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