ExxonMobil Signature Polymers

ExxonMobil™ LD 3019.BA

Low Density Polyethylene

Product Description

ExxonMobil™ LD 3019.BA is a tubular LDPE grade designed for extrusion coating and lamination applications, offering high melt strength, good neck-in performance, and versatility across a wide range of end uses including paper coating, lamitubes, and flexible packaging.

General

Availability [1]	▪ Africa & Middle East ▪ Asia Pacific	▪ Europe ▪ Latin America	▪ North America
Applications	▪ Extrusion Coating	▪ Lamination	
Form(s)	▪ Pellets		
Revision Date	▪ 09/17/2026		

Resin Properties	Typical Value	(English)	Typical Value	(SI)	Test Based On
Density	0.919	g/cm³	0.919	g/cm³	ASTM D1505
Melt Index (190°C/2.16 kg)	3.0	g/10 min	3.0	g/10 min	ASTM D1238

Thermal	Typical Value	(English)	Typical Value	(SI)	Test Based On
Vicat Softening Temperature	187	°F	86	°C	ASTM D1525
Peak Melting Temperature	221	°F	105	°C	ASTM D3418

Molded Properties	Typical Value	(English)	Typical Value	(SI)	Test Based On
Tensile Stress at 100%	1400	psi	9.9	MPa	ASTM D638
Tensile Strength at Break	1500	psi	10	MPa	ASTM D638
Elongation at Break	590	%	590	%	ASTM D638
Flexural Modulus					ASTM D790
--	28000	psi	200	MPa	
1% Secant	38000	psi	260	MPa	
Durometer Hardness					ASTM D2240
Shore A, 15 sec	97		97		
Shore D, 15 sec	46		46		

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).

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: Contact Us

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