

ExxonMobil® LD 2329.DS

ExxonMobil™ LD 2329.DS is a medium density homopolymer resin with good clarity and excellent stiffness. Films made from LD 2329.DS resin can be used in overwrap applications and in push through type packaging equipment. LD 2329.DS resin is suitable for processing in either blown or cast film equipment
Availability: Latin America, North America.

Physical Properties	Metric	English	Comments
Density	0.929 g/cc	0.0336 lb/in ³	ASTM D1505
Melt Flow	2.3 g/10 min @Load 2.16 kg, Temperature 190 °C	2.3 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238
Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	14.5 MPa	2100 psi	ASTM D882
Film Tensile Strength at Yield, TD	15.9 MPa	2300 psi	ASTM D882
Film Elongation at Break, MD	180 %	180 %	ASTM D882
Film Elongation at Break, TD	470 %	470 %	ASTM D882
Puncture Energy	0.316 J	0.233 ft-lb	ExxonMobil Method
Elmendorf Tear Strength MD	100 g	100 g	ASTM D1922
Elmendorf Tear Strength TD	270 g	270 g	ASTM D1922
Dart Drop Test	70.0 g	0.154 lb	ASTM D1709A
Film Tensile Strength at Break, MD	23.4 MPa	3400 psi	ASTM D882
Film Tensile Strength at Break, TD	17.2 MPa	2500 psi	ASTM D882
1% Secant Modulus, MD	317 MPa	46000 psi	ASTM D882
1% Secant Modulus, TD	386 MPa	56000 psi	ASTM D882
Thermal Properties	Metric	English	Comments
Melting Point	117 °C	243 °F	Peak; ExxonMobil Method
Optical Properties	Metric	English	Comments
Haze	8.0 %	8.0 %	ASTM D1003



SALES
PLASTICS .COM

Website: salesplastics.com

Email: jerry@salesplastics.com

Phone: +86 18657312116

Gloss

70 %

70 %

@ 45°; ASTM D2457