


Qplast™

QPLL 2923AB

Linear Low Density Polyethylene

Qplast™ QPLL 2923AB is a hexene LLDPE copolymer valued for its excellent clarity, good stiffness, and low coefficient of friction (COF). This grade is additive-free which makes it ideal for applications requiring clean formulations and reliable performance.

Supplier	
Additive	Antioxidant: Yes; UV Stabilizer: Yes
Applications	<ul style="list-style-type: none"> • Bags & Pouches • Food Packaging Film • Can Liners • Film wrap • Liner Film • Clarity Film • Lamination Film • Zipper Packaging

Resin Properties

	Typical Value (English)	Typical Value (English)	Test Method
Density	0.923 g/cm ³	0.923 g/cm ³	ASTM D1505
Melt Index (190°C/2.16 kg)	2.0 g/10 min	2.0 g/10 min	ASTM D1238

Film Properties

Tensile Strength at Break MD	5300 psi	37 MPa	ASTM D882
Tensile Strength at Break TD	5800 psi	40 MPa	ASTM D882
Tensile Elongation at Break MD	740 %	740 %	ASTM D882
Tensile Elongation at Break TD	840 %	840 %	ASTM D882
Secant Modulus MD — 1% Secant	37000 psi	255 MPa	ASTM D882
Secant Modulus TD — 1% Secant	41000 psi	283 MPa	ASTM D882
Dart Drop Impact	200 g	200 g	ASTM D1709
Elmendorf Tear Strength MD	540 g	540 g	ASTM D1922
Elmendorf Tear Strength TD	890 g	890 g	ASTM D1922

Optical Properties

Gloss (45°)	85	85	ASTM D2457
Haze	5.4 %	5.4 %	ASTM D1003

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