

Qplast™

QPPLL 2908B

Plastomer Polyethylene

Qplast™ QPPLL 2908B is an ethylene 1-hexene plastomer, used in monolayer and multilayer film applications. QPPLL 2908B allows for a lower seal initiation temperature relative to its density, high toughness, stiffness, and reduced coefficient of friction on hot metal surfaces.

Supplier



Applications

- Blown Film
- Barrier Food Packaging
- Lamination Film
- Multilayer Packaging Film

Form(s)

Pellets

Resin Properties

	Typical Value (English)	Typical Value (English)	Test Method
Density	0.908 g/cm ³	0.908 g/cm ³	ASTM D792
Melt Index (190°C/2.16 kg)	2.0 g/10 min	2.0 g/10 min	ASTM D1238
Peak Melting Temperature	237 °F	114 °C	Proprietary Method

Film Properties

Tensile Strength at Yield MD	860 psi	5.9 MPa	ASTM D882
Tensile Strength at Yield TD	790 psi	5.4 MPa	ASTM D882
Tensile Strength at Break MD	8600 psi	60 MPa	ASTM D882
Tensile Strength at Break TD	8200 psi	60 MPa	ASTM D882
Tensile Elongation at Break MD	480 %	480 %	ASTM D882
Tensile Elongation at Break TD	570 %	570 %	ASTM D882
Secant Modulus MD — 1% Secant	12950 psi	87 MPa	ASTM D882
Secant Modulus TD — 1% Secant	12950 psi	90 MPa	ASTM D882
Dart Drop Impact	800 g	800 g	ASTM D1709A
Elmendorf Tear Strength MD	210 g	210 g	ASTM D1922
Elmendorf Tear Strength TD	280 g	280 g	ASTM D1922

Optical Properties

Gloss (45°)	35	35	ASTM D2457
Haze	18.0 %	18.0 %	ASTM D1003

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