


Qplast™

QPLD 201B

Low Density Polyethylene

Qplast™ QPLD 201B is a homopolymer packaging film designed for exceptional clarity and good stiffness. These resins are compatible with both blown and cast film processing equipment.

Supplier	
Additive	Antiblock: 1000 ppm; Slip: No; Thermal Stabilizer: Yes
Applications	<ul style="list-style-type: none"> • Blend Partner • Light Duty Shrink Film • Freezer Film • Bread Bags • Produce Bags • High Clarity Film • Display Packaging Film • Salad Bags • High Quality Lamination • Food Packaging • Textile Packaging • Lamination Film

Resin Properties

	Typical Value (English)	Typical Value (English)	Test Method
Density	0.924 g/cm ³	0.924 g/cm ³	ASTM D1505
Melt Index (190°C/2.16 kg)	2.0 g/10 min	2.0 g/10 min	ASTM D1238
Peak Melting Temperature	234 °F	112 °C	Proprietary Method

Film Properties

Tensile Strength at Yield MD	1500 psi	11 MPa	ASTM D882
Tensile Strength at Yield TD	1600 psi	11 MPa	ASTM D882
Tensile Strength at Break MD	3400 psi	23 MPa	ASTM D882
Tensile Strength at Break TD	2800 psi	19 MPa	ASTM D882
Elongation at Break MD	180 %	180 %	ASTM D882
Elongation at Break TD	510 %	510 %	ASTM D882
Secant Modulus MD — 1% Secant	30000 psi	207 MPa	ASTM D882
Secant Modulus TD — 1% Secant	35000 psi	241 MPa	ASTM D882
Dart Drop Impact	90 g	90 g	ASTM D1709A
Elmendorf Tear Strength MD	290 g	290 g	ASTM D1922
Elmendorf Tear Strength TD	190 g	190 g	ASTM D1922

Optical Properties

Gloss (45°)	78	78	ASTM D2457
Haze	5.0 %	5.0 %	ASTM D1003

Disclaimer

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