


Qplast™

QPLD 263FA

Low Density Polyethylene

Qplast™ QPLD 263FA is a homopolymer polyethylene film known for its excellent clarity. This resin is compatible with processing on blown film equipment.

Supplier	
Additive	Antiblock: 1500 ppm; Slip: 750 ppm; Thermal Stabilizer: Yes
Applications	<ul style="list-style-type: none"> • Produce Bags • Blend Partner • Food Packaging • General Purpose Clarity Films • Form Fill and Seal • Textile Packaging
Form(s)	Pellets

Resin Properties

	Typical Value (English)	Typical Value (English)	Test Method
Density	0.921 g/cm ³	0.921 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	228 °F	109 °C	Proprietary Method

Film Properties

Tensile Strength at Yield MD	1500 psi	10 MPa	ASTM D882
Tensile Strength at Yield TD	1600 psi	11 MPa	ASTM D882
Tensile Strength at Break MD	3500 psi	24 MPa	ASTM D882
Tensile Strength at Break TD	2600 psi	18 MPa	ASTM D882
Elongation at Break MD	130 %	130 %	ASTM D882
Elongation at Break TD	485 %	485 %	ASTM D882
Secant Modulus MD- Secant 1%	29000 psi	200 MPa	ASTM D882
Secant Modulus TD- Secant 1%	36000 psi	248 MPa	ASTM D882
Dart Drop Impact	120 g	120 g	ASTM D1709A
Elmendorf Tear Strength MD	440 g	440 g	ASTM D1922
Elmendorf Tear Strength TD	110 g	110 g	ASTM D1922

Optical Properties

Gloss (45°)	67	67	ASTM D2457
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Haze	6.0 %	6.0 %	ASTM D1003
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Disclaimer

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