


Qplast™

QPLD 219A

Low Density Polyethylene

Qplast™ QPLD 219A is a general purpose LDPE designed for a wide range of applications and can be used as a stand-alone product and also a blend partner to others in packaging and utility applications.

Supplier	
Additive	Antiblock: 1200 ppm; Slip: 750 ppm; Processing Aid: No
Applications	<ul style="list-style-type: none"> • Collation Shrink • Consumer Bags

Physical

	Typical Value (English)	Typical Value (English)	Test Method
Density	0.922 g/cm ³	0.922 g/cm ³	ASTM D1505
Melt Index (190°C/2.16 kg)	1.9 g/10 min	1.9 g/10 min	ASTM D1238

Film Properties

Tensile Strength at Yield MD	1700 psi	12 MPa	ASTM D882
Tensile Strength at Yield TD	1800 psi	13 MPa	ASTM D882
Tensile Strength at Break MD	3600 psi	25 MPa	ASTM D882
Tensile Strength at Break TD	3010 psi	21 MPa	ASTM D882
Elongation at Break MD	500 %	500 %	ASTM D882
Elongation at Break TD	700 %	700 %	ASTM D882
Dart Drop Impact	100 g	100 g	ASTM D1709A
Elmendorf Tear Strength MD	550 g	550 g	ASTM D1922
Elmendorf Tear Strength TD	470 g	470 g	ASTM D1922

Optical Properties

Gloss (45°)	70	70	ASTM D2457
Haze	7.0 %	7.0 %	ASTM D1003

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REV: 2024