

Qplast™

QPLD 075A

Low Density Polyethylene

Qplast™ QPLD 075A is a low density polyethylene resin, known for its superior processability and excellent draw down.

Supplier



Additive

Antiblock: 900 ppm; Slip: 385 ppm

Applications

- Food packaging
- Shopping bags
- Agricultural films
- Garbage bags
- Collation Shrink
- Lamination Films

Resin Properties

	Typical Value (English)	Typical Value (English)	Test Method
Density	0.923 g/cm ³	0.923 g/cm ³	ASTM D792
Melt Index (190°C/2.16 kg)	0.75 g/10 min	0.75 g/10 min	ASTM D1238

Film Properties

Tensile Strength at Yield MD	1600 psi	11 Mpa	ASTM D882
Tensile Strength at Yield TD	1600 psi	11 Mpa	ASTM D882
Tensile Strength at Break MD	3600 psi	25 MPa	ASTM D882
Tensile Strength at Break TD	3300 psi	23 MPa	ASTM D882
Elongation at Break MD	390 %	390 %	ASTM D882
Elongation at Break TD	570 %	570 %	ASTM D882
Secant Modulus MD — 2% Secant	25000 psi	172 MPa	ASTM D882
Secant Modulus TD — 2% Secant	27000 psi	186 MPa	ASTM D882
Dart Drop Impact	170 g	170 g	ASTM D1709A
Elmendorf Tear Strength MD	350 g	350 g	ASTM D1922
Elmendorf Tear Strength TD	260 g	260 g	ASTM D1922

Optical Properties

Gloss (45°)	58	58	ASTM D2457
Haze	9.0 %	9.0 %	ASTM D1003

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