


Qplast™

QPLJ 2025

Linear Low Density Polyethylene

Qplast™ QPLJ 2025 is a narrow molecular weight butene copolymer designed for applications requiring excellent processability. This resin delivers exceptional toughness and tear resistance, making it ideal for freezer food packaging applications.

Supplier	
Additive	Antiblock: No ; Slip: No; Thermal Stabilizer: Yes
Applications	<ul style="list-style-type: none">• Protective Caps• Closures and Dispensers• Housewares
Form(s)	Pellets

Resin Properties

	Typical Value (English)	Typical Value (SI)	Test Method
Density	0.924 g/cm ³	0.924 g/cm ³	ASTM D1505
Melt Index (190°C/2.16 kg)	20 g/10 min	20 g/10 min	ASTM D1238
Peak Melting Temperature	250 °F	121 °C	ASTM D1238

Molded Properties

Tensile Strength at Yield	1950 psi	13 MPa	ASTM D638
Elongation at Break	360 %	360 %	ASTM D638
Flexural Modulus			
1% Secant	69000 psi	480 MPa	ASTM 790B
2% Secant	60000 psi	410 MPa	ASTM 790B
Environmental Stress-Crack Resistance	110 hr	110 hr	ASTM D1693B
10% Igepal			

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