


Qplast™

QPLD 335A

Low Density Polyethylene

Qplast™ QPLD 335A Polyethylene Resin offers excellent mechanical strength and superior optical clarity. It features outstanding drawdown characteristics and exceptional processability.

Supplier	
Additive	Antiblock: Yes; Slip: Yes
Applications	<ul style="list-style-type: none"> • General Packaging • Soft goods packaging • Light produce bags

Resin Properties

	Typical Value (English)	Typical Value (English)	Test Method
Density	0.924 g/cm ³	0.924 g/cm ³	ASTM D792
Melt Index (190°C/2.16 kg)	3.5 g/10 min	3.5 g/10 min	ISO 1133

Film Properties

Tensile Strength at Yield MD	1300 psi	9 MPa	ASTM D882
Tensile Strength at Yield TD	1300 psi	9 MPa	ASTM D882
Tensile Strength at Break MD	2400 psi	17 MPa	ASTM D882
Tensile Strength at Break TD	2100 psi	15 MPa	ASTM D882
Elongation at Break MD	450 %	450 %	ASTM D882
Elongation at Break TD	650 %	650 %	ASTM D882
Secant Modulus MD — 2% Secant	27600 psi	190 MPa	ASTM D882
Secant Modulus TD — 2% Secant	25400 psi	175 MPa	ASTM D882
Dart Drop Impact	120 g	120 g	ASTM D1709A
Elmendorf Tear Strength MD	500 g	500 g	ASTM D1922
Elmendorf Tear Strength TD	400 g	400 g	ASTM D1922

Optical Properties

Gloss (20°)	69	69	ASTM D2457
Haze	7.0 %	7.0 %	ASTM D1003

Disclaimer

The information presented in this document is believed to be accurate as of the date of publication. However, it is provided for general informational purposes only. It does not imply any express or implied warranty or quality specification, including but not limited to warranties of merchantability or fitness for a particular purpose. Users are solely responsible for independently assessing whether the product is suitable for their intended use and ensuring that it can be used safely and in compliance with relevant laws and regulations. We expressly disclaim liability for any loss, damage or injury directly or indirectly suffered or incurred as a result of or related to anyone using or relying on any of the information in this document.

REV: 2024