

PolyLink PL204

- HDPE

Key Features

Melt Flow Index: 1.1 g/10 min

Density: 0.952 g/cm³

Typical applications

Blow Molding

Extrusion

Product Description

PolyLink PL204 is a medium molecular weight density polyethylene copolymer grade which has an optimum balance properties for use in a wide range of extrusion applications. PL204 meets the United States Food and Drug Administration (US FDA) criteria for food contact use as specified in CFR 177.1520 (c) 3.1a & 3.2a and Commission Regulation (EU) No. 10/2011.

Physical Characteristics¹

Characteristics	Value	Unit	Test Method
Melt Flow Index (MFI)	0.25	g/10min	ASTM D1238
Density	0.952	g/cm ³	ASTM D1505
Tensile Strength at Yield	27	MPa	ASTM D638
Elongation at Break	1100	%	ASTM D638
Young Modulus	500	MPa	ASTM D638
Flexural Modulus	1400	MPa	ASTM D790
Charpy Impact Strength	12	kJ/m ²	ISO 179
Heat Deflection Temperature	68	°C	ASTM D648
ESCR, Cond. B, F ₅₀	50	hrs	ASTM D1693
Vicat Softening Temperature	128	°C	ASTM D1525

¹ Data values shown are average values for the base resin and should not be used for specification limits.

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