

Technical Datasheet PE 22501

1) Product Description:

PE22501 is a Linear Low Density Polyethylene suitable for film blowing applications.

2) Applications:

- Film

3) Typical data:

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
Density	ASTM D1505	g/cm ³	0.922 to 0.924
Melt Mass-Flow Rate(MFR)(190°C/2.16 kg)	ASTM D1238	g/10 min	0.95
Film Thickness-tested	-	µm	25
Tensile strength MD: Yield, 25µm, Blown Film TD: Yield, 25µm, Blown Film MD: Break, 25µm, Blown Film TD: Break, 25µm, Blown Film	ASTM D882	Mpa Mpa Mpa Mpa	13.0 12.5 45.0 30.0
Tensile Elongation MD: Break, 25µm, Blown Film TD: Break, 25µm, Blown Film	ASTM D882	% %	680 780
Dart drop impact (25µm, Blown Film)	ASTM D1709A	g	80
Elmendorf tear strength MD: 25µm, Blown Film TD: 25µm, Blown Film	ASTM D1922	g g	110 460
Gloss (45°, 25.0 µm, Blown Film)	ASTM D1790	-	42
Haze (25.0 µm, Blown Film)	ASTM D1003	%	25

* Typical values not to be construed as specifications.