



XZ 98620.00 Experimental Polyethylene Resin

Description

XZ 98620.00 Experimental Polyethylene Resin is a linear low-density polyethylene designed to perform in multilayer industrial applications like stretch film and silage stretch film. It provides a unique performance, especially enhanced tear properties.

Main Characteristics

- Enhanced tear properties

Applications

Industrial applications, e.g.:

- Stretch film
- Silage stretch film

Complies with

- Europe Commission Regulation (EU) No 10/2011
- U.S. FDA 21 CFR 177.1520(c)3.1a

Additive

- Antiblock: No
- Slip: No
- Processing Aid: No

Properties

Physical	Nominal Value	Unit (SI)	Test Method ¹
Density	0.9100	g/cm ³	ASTM D792
Melt Index (190°C / 2.16 kg)	3.0	g/10 min	ASTM D1238
Films (50 µm)	Nominal Value	Unit (SI)	Test Method
Film Puncture Energy	0.58	J	Dow Method
Film Puncture Force	21.7	N	Dow Method
Film Puncture Resistance	1.4	J/cm ³	Dow Method
Tensile Strength			ASTM D882
MD, Yield	6.2	MPa	
TD, Yield	5.4	MPa	
MD, Break	13.5	MPa	
TD, Break	10.6	MPa	
Tensile Elongation			ASTM D882
MD, Break	642	%	
TD, Break	696	%	
Dart Drop Impact	95	g	ASTM D1709A



Properties (Cont.)

Optical (50 μm)	Nominal Value	Unit (SI)	Test Method
Gloss (45°)	73		ASTM D2457
Haze	6	%	ASTM D1003
Thermal	Nominal Value	Unit (SI)	Test Method
Vicat Softening Temperature	84.6	°C	ASTM D1525

