



Technical Data Sheet

XZ 89178.01 Experimental Recycled Polyethylene Resin

Description

XZ 89178.01 Experimental Recycled Polyethylene Resin is a low density polyethylene resin with a fractional melt index especially designed for collation shrink film applications. This resin is formulated containing 85% post-consumer recycled plastics from household sources, specifically designed to be used on core layer of co-extruded films. This grade is not food contact compliant.

Main Characteristics

- Good stiffness-toughness balance for core layer
- Good shrink performance

Properties¹

Physical	Nominal Value	Unit	Test Method
Density	0.928	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.70	g/10 min	ASTM D1238
Additional Information			
Coextruded film formulations available upon request			

1. Typical properties: these are not to be construed as specifications. Users should confirm results by their own tests.
2. ASTM: American Society for Testing and Materials

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- long-term or permanent contact with internal bodily fluids or tissues. "Long-term" is contact which exceeds 29 calendar days;
- use in cardiac prosthetic devices regardless of the length of time involved ("cardiac prosthetic devices" include, but are not limited to, pacemaker leads and devices, artificial hearts, heart valves, intra-aortic balloons and control systems, and ventricular bypass-assisted devices);
- use as a critical component in medical devices that support or sustain human life; or
- use specifically by pregnant women or in applications designed specifically to promote or interfere with human reproduction.
- use as an ingredient of a pharmaceutical injectable application.

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