

Technical Data Sheet

Product Description

STEPUP® PM30200 is a polyethylene-based modifier designed to recover physical properties typically lost when incorporating recycled content into monolayer or multilayer structures. It is recommended as a modifier to improve physical properties such as dart, tear, and puncture. It does not contain any slip or antiblock additives.

Typical Physical Properties

Property ^a	Test Method ^b	Typical Value, Units ^c
Melt Index (Condition 190°C/2.16 kg)	D 1238	0.5 g/10 min
Density	D 1505	906 kg/m ³ (0.906 g/cm ³)
Dart Impact	D 1709	1,600 g
Haze	D 1003	7 %
Gloss @ 45°	D 2457	61
Elmendorf Tear Resistance	M.D.	510 gf
	T.D.	730 gf
DSC Peak Melting Point	D 3418	122°C

^a Unless noted otherwise, all tests are run at 23°C (73°F) and 50% relative humidity.

^b Unless noted otherwise, the test method is ASTM.

^c Units are in SI or US customary units.

Notes

Test specimens for blown film: nominal thickness 1.0 mils; blow up ratio 2.5:1, die gap 100 mils.

Processing

Since STEPUP® PM30200 is used as a modifier resin, processing conditions should be based on the primary resin blend components. However, melt temperatures of 420°F – 450°F are recommended if it is used as the primary resin component.

Regulatory Compliance

This product has some 21 CFR clearances when used with other approved products. Please contact your Westlake Sales Representative for food contact statements.

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