

## Technical Data Sheet

### Product Description

STEPUP® PM30100 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 <sup>a</sup>	Test Method <sup>b</sup>	Typical Value, Units <sup>c</sup>
Melt Index (Condition 190°C/2.16 kg)	D 1238	0.7 g/10 min
Density	D 1505	910 kg/m3 (0.910 g/cm3)
Dart Impact	D 1709	1,250 g
Haze	D 1003	6%
Gloss @ 45°	D 2457	73
Elmendorf Tear Resistance	M.D.	510 gf
	T.D.	590 gf
DSC Peak Melting Point	D 3418	121°C

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

<sup>b</sup> Unless noted otherwise, the test method is ASTM.

<sup>c</sup> 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® PM30100 is used as a modifier resin, processing conditions should be based on the primary resin blend components. However, melt temperatures of 410°F - 440°F are recommended if it is used as the primary resin component.

### Regulatory Compliance

This product has some 21 CFR clearances. Please contact your Westlake Sales Representative for food contact statements.

*Properties reported here are based on limited testing. Westlake makes no representation that the material in any particular shipment will conform exactly to the values given. Westlake and its marketing affiliates shall not be responsible for the use of this information, or of any product, method, or apparatus mentioned, and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and for the health and safety of your employees and purchasers of your products. No warranty is made of the merchantability of fitness of any product, and nothing herein waives any of the Seller's conditions of sale.*