

Teknor Apex Terraloy™ BP 20001A Thermoplastic Starch + Copolyester

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic , Polyester, TP

Material Notes:

Notes: Terraloy™ BP-20001A is a Thermoplastic Starch/Biodegradable Copolyester ready-to-process compound that contains up to 40% of TPS renewable content and is 100% biodegradable. This compound is for blown film applications as well as injection molded parts.

Processing Method: Blown Film; Injection Molding Forms: Pellets Additional Information: Biobased Content: < 40.0 Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-Terraloy-BP-20001A-Thermoplastic-Starch-Copolyester.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.27 g/cc	1.27 g/cc	ASTM D792
Oxygen Transmission Rate	404 cc/m ² /day	26.0 cc/100 in ² /day	ASTM D1922

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	520 %	520 %	ASTM D882
Film Elongation at Break, TD	500 %	500 %	ASTM D882
Elmendorf Tear Strength MD	300 g	300 g	ASTM D1922
Elmendorf Tear Strength TD	380 g	380 g	ASTM D1922
Dart Drop Test	290 g	0.639 lb	ASTM D1709
Film Tensile Strength at Break, MD	26.0 MPa	3770 psi	ASTM D882
Film Tensile Strength at Break, TD	20.3 MPa	2940 psi	ASTM D882

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