

Teknor Apex Terraloy™ BP 13000A Thermoplastic Starch + PP

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Notes: Terraloy™ BP-13000A is a Thermoplastic Starch/PP ready-to-process compound that contains up to 30% of TPS renewable content.

This compound is intended for injection molding as well as extrusion applications. Processing Method: Extrusion; Injection Molding Forms:

Pellets Additional Information: Biobased Content: < 30.0 Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-Terraloy-BP-13000A-Thermoplastic-Starch-PP.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.997 g/cc	0.997 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	21.0 MPa	3040 psi	ASTM D638
Elongation at Break	75 %	75 %	ASTM D638
Tensile Modulus	1.12 GPa	163 ksi	ASTM D638
Flexural Strength	32.5 MPa @Strain 5.00 %	4720 psi @Strain 5.00 %	ASTM D790B
Flexural Modulus, 1% Secant	1060 MPa	154000 psi	ASTM D790B
Izod Impact, Notched	0.641 J/cm	1.20 ft-lb/in	ASTM D256
Izod Impact, Unnotched	11.7 J/cm	22.0 ft-lb/in	ASTM D4812

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