

Flint Hills 13T25A Random Copolymer Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

Material Notes:

Features: Excellent clarity, blush resistant and good flexural modulus. Product does not contain animal derived components.Applications:

Injection Molded - Lab ware, food packaging and medical. Suitable for autoclave sterilization processes in the presences of aqueous

solutions.Information provided by Flint Hills Resources.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Flint-Hills-13T25A-Random-Copolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D1505
Melt Flow	25 g/10 min	25 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	93	93	ASTM D785
Tensile Strength, Yield	29.0 MPa	4210 psi	ASTM D638
Elongation at Yield	11 %	11 %	ASTM D638
Flexural Modulus	1.03 GPa	149 ksi	Tangent; ASTM D790
Flexural Modulus, 1% Secant	977 MPa	142000 psi	ASTM D790
Izod Impact, Notched	0.500 J/cm	0.937 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	86.0 Â°C	187 Â°F	ASTM D648

Optical Properties	Metric	English	Comments
Haze	3.7 % @Thickness 0.635 mm	3.7 % @Thickness 0.0250 in	ASTM D1003

Descriptive Properties	Value	Comments
FDA	21 CFR 177.1520(c) 3.1a	
USP Class VI	certified	

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