

22T2A

DESCRIPTION: Random Copolymer Polypropylene

FEATURES: Excellent clarity in thermoformed parts, high stiffness, good melt strength for processability. Product does not contain any animal derived components.

APPLICATIONS: Suitable for use in food & medical products such as thermoformed parts and blow molded bottles

PROPERTY	NOMINAL VALUE	SI UNIT	NOMINAL VALUE	ENGLISH UNIT	ASTM TEST METHOD
Melt Flow Rate	3	g/10 min.			D 1238
Density	0.90	g/cm ³			D 792
Tensile Yield Strength	37.6	MPa	5500	psi	D 638
Elongation @ Yield	7	%	7	%	
Flexural Modulus					D790
1% Secant	1640	MPa	238	kpsi	
Tangent	1740	MPa	252	kpsi	
Deflection Temperature @ 66 psi	117	°C	242	°F	D 648
Rockwell Hardness			108	R	D 785
Notched Izod @RT	53.4	J/m	1.0	ft-lb/in	D 256
Haze @ 25mil	9.5	%	9.5	%	D 1003

Sept-09

Regulatory

FDA - 21 CFR 177.1520 (c) 3.2a

Notice regarding medical applications:

This Flint Hills product meets certain requirements for use in medical applications. It is the responsibility of the medical device or pharmaceutical manufacturer to determine that this Flint Hills product is safe, lawful and technically suitable for the intended use. Flint Hills encourages its customers to review their application with a Flint Hills technical representative to ensure that this product is not used in ways for which it was not intended or tested. Flint Hills makes no warranties (express or implied), promises or guarantees concerning the suitability of this product for use in any given medical application. Not intended for use in the manufacture of any form of implanted medical or surgical device.

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