

11R12A

DESCRIPTION: Specialty Homopolymer Polypropylene

FEATURES: Good drop impact, radiation resistant. Product is not formulated with animal derived components or phthalates.

APPLICATIONS: Injection molding.

PROPERTY	NOMINAL VALUE	SI UNIT	NOMINAL VALUE	ENGLISH UNIT	ASTM TEST METHOD
Melt Flow Rate	12	g/10 min.			D 1238
Density	0.90	g/cm ³			D 1505
Tensile Yield Strength Yield Elongation	29.5 9	MPa %	4275 9	psi %	D 638
Flexural Modulus Tangent	942	MPa	143	kpsi	D 790
Deflection Temperature @ 66 psi (.455 MPa)	82	°C	180	°F	D 648
Gardner Impact @23°C	35.5	J	314	In-lb	D5420
Notched Izod @ 23 °C	37	J/m	0.7	ft-lb/in	D 256

Mar - '14


Regulatory

FDA – 21 CFR 177.1520 (c) 1.1a and 3.4.

USP Class VI <88>, USP<85>, USP<661>, and ISO 10993-5

Drug Master File listed

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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