

## POLYPROPYLENE

### AP6112-HS

**DESCRIPTION:** Impact Copolymer

**FEATURES:** Good impact stiffness balance. Product does not contain animal derived components. Product does not contain animal derived components.

**APPLICATIONS:** Injection Molding: appliance components, furniture, automotive interior trim and consumer durables

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 <sup>3</sup>			D 1505
Tensile Yield Strength	24	MPa	3550	psi	D 638
Yield Elongation	6	%	6	%	
Flexural Modulus Tangent	1172	MPa	170	kpsi	D 790
Deflection Temperature @ 66 psi (.455 MPa)	83	°C	181	°F	D 648
Rockwell Hardness			98	R	D 785
Notched Izod @ 23°C	123	J/m	2.3	ft-lb/in	D 256
Gardner Impact @ -30°C	23	J	200	in-lb	D 5420

#### REGULATORY

FDA - 21 CFR 177.1520 (c) 3.1a

UL certified 94HB

Drug Master File listed

USP – Class VI certified

#### AUTOMOTIVE APPROVALS

DCX: DB500, CPN-2073, CPN 2341, CPN 3047, CPN 3470

Ford: ESB-M4D500-A

GM: GMP.PP.001, GMP.PP.002

#### 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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