

POLYPROPYLENE

AP6412-HS

DESCRIPTION: Impact Copolymer

FEATURES: Good blush resistance and impact strength.

APPLICATIONS: Injection Molding: Consumer durables, furniture trim and housing

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	24	MPa	3550	psi	D 638
Yield Elongation	7	%	7	%	
Flexural Modulus 1% Secant	NA	MPa	NA	kpsi	D 790
Tangent	1138		165		
Deflection Temperature @ 66 psi (.455 MPa)	82	°C	180	°F	D 648
Rockwell Hardness			90	R	D 785
Notched Izod @ 23°C	130	J/m	2.4	ft-lb/in	D 256
Gardner Impact @ -30°C	28	J	250	in-lb	D 5430

Sept-08

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Regulatory

FDA – 21 CFR 177.1520 (c) 3.1a.

UL Certified 94HB

118 Huntsman Way, Longview, TX 75602 · Tel: 1-800-985-7303

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