

AP6120-HS

DESCRIPTION: Impact Copolymer

FEATURES: Good impact stiffness balance.

APPLICATIONS: Injection molding: Appliance components, automotive interior trim, consumer durables and closures

PROPERTY	NOMINAL VALUE	SI UNIT	NOMINAL VALUE	ENGLISH UNIT	ASTM TEST METHOD
Melt Flow Rate	20	g/10 min.			D 1238
Density	0.90	g/cm ³			D 1505
Tensile Yield Strength	23	MPa	3400	psi	D 638
Ultimate Elongation	6	%	6	%	
Flexural Modulus Tangent	1158	MPa	168	kpsi	D 790
Deflection Temperature @ 66 psi (.455 MPa)	83	°C	181	°F	D 648
Rockwell Hardness			97	R	D 785
Notched Izod @ 23°C	117	J/m	2.2	ft-lb/in	D 256
Gardner Impact @ -30°C	23	J	200	in-lb	D 5420

Sept08

REGULATORY

FDA - 21 CFR 177.1520 (c) 3.1a

UL certified 94HB

AUTOMOTIVE APPROVALS

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

Ford: ESB-M4D500-A

GM: GMP.PP.002, GMP.PP.006

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