

**AP7710-HS**

**DESCRIPTION:** Ultra High Impact Copolymer – Reactor TPO

**FEATURES:** Excellent low temperature impact strength. Product does not contain animal derived components.

**APPLICATIONS:** Injection molding: automotive items, exterior equipment components and energy management

PROPERTY	NOMINAL VALUE	SI UNIT	NOMINAL VALUE	ENGLISH UNIT	ASTM TEST METHOD
Melt Flow Rate	10	g/10 min.			D 1238
Density	0.90	g/cm <sup>3</sup>			D 1505
Tensile Yield Strength	16.5	MPa	2400	psi	D 638
Yield Elongation	6	%	6	%	
Flexural Modulus 1% Secant Tangent	NA 862	MPa	NA 125	kpsi	D 790
Deflection Temperature @ 66 psi (.455 MPa)	70	°C	158	°F	D 648
Rockwell Hardness			70		D 2240
Notched Izod @ 23°C	*NB	J/m	NB	ft-lb/in	D 256
Gardner Impact @ -30°C	>36	J	>320	in-lb	D 5420
Multi-axial Impact @ -30°C 6.71 m/sec	23 Ductile	J	204	in-lb	D 3763

Aug - 09

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**Regulatory**

UL Certified 94HB

**AUTOMOTIVE APPROVALS**

DCX – DC-266 – CPN-4208

Ford: WSS-M4D938-A1

GM: GMP.PP.039

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