

POLYPROPYLENE

P6G2Z-090

DESCRIPTION: Impact Copolymer

FEATURES: Excellent impact strength and weldability. Product does not contain animal derived components.

APPLICATIONS: Injection molding and thermoforming: Automotive coolant bottles

PROPERTY	NOMINAL VALUE	SI UNIT	NOMINAL VALUE	ENGLISH UNIT	ASTM TEST METHOD
Melt Flow Rate	1.3	g/10 min.			D 1238
Density	0.90	g/cm ³			D 1505
Tensile Yield Strength	24	MPa	3500	psi	D 638
Elongation at Break	>700	%	>700	%	
Modulus	1170	MPa	170	kpsi	
Flexural Modulus	1100	MPa	160	kpsi	D 790
Deflection Temperature @ 66 psi	85	°C	185	°F	D 648
Rockwell Hardness			75	R	D 785
Notched Izod @ 23°C	NB	J/m	NB	ft-lb/in	D 256
Gardner Impact @ -18°C	>36	J	>300	in-lb	D 5420

Dec- 11



Regulatory

FDA regulation 21 CFR 177.1520 (c) 3.1
UL Certified 94HB

AUTOMOTIVE APPROVALS

Ford: ESA-M4D472-A, ESB-M4D308-A

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