

POLYPROPYLENE



P6G4Z-097

DESCRIPTION: *Impact co-polymer for injection molding.*

FEATURES: *Good balance of impact and stiffness. Produced without animal derived components.*

APPLICATIONS: *Appliance components, consumer durables, caps and closures.*

RESIN PROPERTIES	TYPICAL VALUE (SI)	TYPICAL VALUE (ENGLISH)	ASTM TEST METHOD
Melt Flow Rate	8 g/10 min		D 1238
Density	0.90 g/cm ³		D 1505
Melting Temperature Range	160-165 °C	320-329 °F	D 3418

MECHANICAL PROPERTIES			
Tensile Yield Strength Yield Elongation	26 MPa 7 %	3700 psi 7 %	D 638
Flexural Modulus Tangent	1186 MPa	172 kpsi	D 790
Deflection Temperature @ 66 psi (.455 MPa)	88 °C	190 °F	D 648
Rockwell Hardness		83 R	D 785
Notched Izod @ 23°C	144 J/m	2.7 ft-lb/in	D 256
Gardner Impact @ -30 °C	24 J	216 in-lb	D 5420

Dec. 15

Regulatory

FDA – 21CFR 177.1520 (c) 3.1a.
UL certified 94HB

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