

P4G4A-053

DESCRIPTION: Homopolymer

FEATURES: Good stiffness, long term heat aging (LTHA). Produced without animal derived components or phthalates.

APPLICATIONS: Injection molding: High heat resistance

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	37	MPa	5400	psi	D 638
Ultimate Elongation	8	%	8	%	
Flexural Modulus 1% Secant Tangent	1480 NA	MPa	214 NA	psi	D 790
Deflection Temperature @ 66 psi (.455 MPa)	96	°C	205	°F	D 648
Rockwell Hardness			108	R	D 785
Notched Izod @ 23 °C	20	J/m	.4	ft-lb/in	D 256
Gardner Impact @ 23 °C	2	J	20	in-lb	D 5420

May-14



Regulatory

FDA – 21 CFR 177.1520 (c) 1.1a.

UL Certified 94HB

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