

POLYPROPYLENE

P4C5B-181B

DESCRIPTION: Homopolymer

FEATURES: Nucleated and Antistat. Produced without animal derived components or phthalates.

APPLICATIONS: Injection Molding: Closures and cutlery

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 Yield Elongation	38 9	MPa %		5500 9	psi %	D 638
Flexural Modulus 1% Secant Tangent	1628 1731	MPa		236 251	kpsi	D 790
Deflection Temperature @ 66 psi (.455 MPa)	121	°C		249	°F	D 648
Rockwell Hardness				101	R	D 785
Notched Izod @ 23°C	30	J/m		0.5	ft-lb/in	D 256
Gardner Impact @ 23°C	0	J		<8	in-lb	D 5420

May-14



Regulatory

FDA - 21 CFR 177.1520 (c) 1.1a.

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