

P4G2T-077D

DESCRIPTION: Homopolymer

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

APPLICATIONS: Profile Extrusion: straws

PROPERTY	NOMINAL VALUE	SI UNIT	NOMINAL VALUE	ENGLISH UNIT	ASTM TEST METHOD
Melt Flow Rate	4.5	g/10 min.			D 1238
Density	0.90	g/cm ³			D 1505
Tensile Yield Strength Yield Elongation	36 10	MPa %	5200 10	psi %	D 638
Flexural Modulus 1% Secant Tangent	1480	MPa	215	kpsi	D 790
Deflection Temperature @ 66 psi (.455 MPa)	87	°C	189	°F	D 648
Rockwell Hardness			100	R	D 785
Notched Izod @ 23°C	30	J/m	.6	ft-lb/in	D 256
Gardner Impact @ 23°C	12	J	105	in-lb	D 5420

May-15



REGULATORY

FDA – 21 CFR 177.1520 (c) 1.1a.

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