

P4G2T-077D

DESCRIPTION: Homopolymer

FEATURES: Good stiffness and Antistat. Product does not contain animal derived components. Phthalate-free.

APPLICATIONS: Profile Extrusion: straws

PROPERTY	NOMINAL VALUE	SI UNIT		NOMINAL VALUE	ENGLISH UNIT	ASTM TEST METHOD
Melt Flow Rate	4.2	g/10 min.				D 1238
Density	0.90	g/cm ³				D 1505
Tensile Yield Strength	36	MPa		5200	psi	D 638
Yield Elongation	10	%		10	%	
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

Mar-10



REGULATORY

FDA – 21 CFR 177.1520 (c) 1.1a.

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