

P4G2Z-026

Homopolymer for Extrusion

Features: Low water carry-over. Produced without animal derived components or phthalates

Applications: Tape and strapping

Resin Properties

	Typical Value (SI)	Typical Value (English)	ASTM Test Method
Melt Flow Rate	1.2 g/10min		D1238
Density	0.90 g/cm ³		D1505
Melting Temperature	160 -165 °C	320 – 329 °F	D3418

Mechanical Properties

	Typical Value (SI)	Typical Value (English)	ASTM Test Method
Tensile Yield Strength	37 MPa	5400 psi	D 638
Tensile Yield Elongation	9 %	9 %	D 638
Flexural Modulus - Secant	1500 MPa	218 kpsi	D 790
Deflection Temperature @66psi (0.455 MPa)	95 °C	203 °F	D 648
Rockwell Hardness		105 R	D 785
Notched Izod @ 23°C	50 J/m	0.9 ft-lb/in	D 256
Gardner Impact @ 23°C	13 J	114 in-lb	D 5420

Regulatory

FDA – 21 CFR 177.1520(c) 1.1a

UL Certified 94 HB

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