

# P9H8M-015

## Specialty Polypropylene for Extrusion

**Features:** Broad processing window. Produced without animal derived components or phthalates

**Applications:** Multi or mono layer film and coatings

## Resin Properties

	Typical Value (SI)	Typical Value (English)	ASTM Test Method
Melt Flow Rate	53 g/10min		D1238
Density	0.90 g/cm <sup>3</sup>		D1505
Melting Temperature	160 -165 °C	320 – 329 °F	D3418

## Mechanical Properties

	Typical Value (SI)	Typical Value (English)	ASTM Test Method
Tensile Yield Strength	29 MPa	4200 psi	D 638
Tensile Yield Elongation	8 %	8 %	D 638
Flexural Modulus - Tangent	1131 MPa	164 kpsi	D 790
Flexural Modulus - Secant	1069 MPa	155 kpsi	D 790
Deflection Temperature @66psi (0.455 MPa)	86 °C	187 °F	D 648
Rockwell Hardness		87 R	D 785
Notched Izod @ 23°C	20 J/m	0.4 ft-lb/in	D 256
Gardner Impact @ 23°C	2 J	17 in-lb	D 5420

## Regulatory

FDA – 21 CFR 177.1520(c) 1.1a & 2.2

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