

Injection Molding

Applications

- Automotive applications
- Industrial applications
- Compounding

Characteristics

- Low flow rate
- High melt strength

Description

PP .8902 is a low w melt flow rate homopolymer resin that provides high melt strength and resistance to softening at elevated temperature.

Property	Value	Unit	ASTM Test
Melt Index, (230°C/2.16 kg)	0.83	g/10 min	D 1238
Density	0.9	g/cm ³	D 1505
Tensile Strength at Yield	4640	psi	D 638
Tensile Elongation at Yield	13	%	D 638
Flexural Modulus, 1% Secant .051 in/min	172000	psi	D 790
Flexural Modulus, 1% Secant .51 in/min	201000	psi	D 790
Notched Izod Impact, 73 °F	.98	ft-lb/in	D 256A
DTUL at 66 psi - Unannealed	183	°F	D 648
DTUL at 264 psi - Unannealed	125	°F	D 648

This information, to our knowledge, is believed to be correct. The use of this product in its actual conditions are beyond our control and satisfactory results for this product is the customer's sole responsibility. User must make their own decisions regarding its suitability for their equipment and final products.

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