



VINPOL™ PI900S

Impact Copolymer Polypropylene

Melt Flow: 90

Density: 0.90

VINPOL PI900S is an impact copolymer polypropylene with high ethylene-propylene rubber content. It contains anti-static and mold release additives. It has high melt flow with a good balance of strength and impact resistance. It is designed for general household goods, home appliances and thin-wall parts.

Resin Property	Typical Value	Units	Test Method
Melt Flow	90	g/10 min	ASTM D-1238
Density	0.90	g/cm ³	ASTM D-792
Tensile Strength at Yield	3,700 (25)	kgf/cm ² (MPa)	ASTM D-638
Tensile Strain at Break	<100	%	ASTM D-638
Flexural Modulus	220,000 (1,516)	psi (MPa)	ASTM D-790
Notched Izod Impact Strength, 23° C	0.7 (37)	ft-lb/in (J/m)	ASTM D-256
Notched Izod Impact Strength, -10° C	0.5 (27)	ft-lb/in (J/m)	ASTM D-256
Heat Deflection Temperature, 4.6kgf/cm ²	257 (125)	°F (°C)	ASTM D-648

