



VINPOL™ PR870

Random Copolymer Polypropylene

Melt Flow: 87

Density: 0.902

VINPOL PR870 is a random copolymer polypropylene designed for injection molding high transparency parts.

Resin Property	Typical Value	Units	Test Method
Melt Flow, I ₂ @ 230°C	87	g/10 min	ASTM D-1238
Density	0.902	g/cm ³	ASTM D-792A
Tensile Strength at Yield, 50mm/min	4,500 (31)	psi (MPa)	ASTM D-638
Tensile Elongation at Yield	14	%	ASTM D-638
Flexural Modulus, 1% Secant	145,000 (1,000)	psi (MPa)	ASTM D-790A
Notched Izod Impact Strength, 73° F (23°C)	0.94 (50)	ft-lb/in (J/m)	ASTM D-256A
Rockwell Hardness	84	R Scale	ASTM D-785

