



VINPOL™ RRP150Y

Recycled Copolymer Polypropylene

Melt Flow: 50

Density: 0.91

VINPOL RRP150Y is a post-industrial, reprocessed, copolymer polypropylene resin. This product is black and comes in pellet form. It has good process ability, an excellent combination of stiffness and impact performance, and is compatible with PP and olefinic thermoplastic elastomers.

Resin Property	Typical Value	Units	Test Method
Melt Flow Rate, 2.16 Kg at 230 °C	50	g/10 min	ASTM D-1238
Density	0.91	g/cm ³	ASTM D-792
Tensile Strength at Yield	2,879 (19)	psi (MPa)	ASTM D-638
Elongation at Break	250	%	ASTM D-638
Flexural Modulus – 1% Tangent (0.5"/min)	140,000 (966)	psi (MPa)	ASTM D-790
Notched Izod Impact, 23°C (73°F)	2.5 (133)	Ft-lb/in (J/m)	ASTM D-256
Hardness	60	Shore D	ASTM D-2240
Heat Deflection Temperature, 66 psi	185 (85)	°F (°C)	ASTM D-648

Vinmar Polymers America cannot anticipate or control the many different conditions under which this information and/or product may be used. It does not guarantee the applicability or the accuracy of this information or the suitability of its products in any given situation. User of the material should make their own tests to determine the suitability of each such product for their particular purposes. The data listed herein falls within the normal range of product properties, but they should not be used to establish specification limits or used alone as the basis of design.

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