



verdant

RRPI50Y

Recycled Copolymer Polypropylene

Melt Flow: 2-4

VERDANT RRPI50Y is a post-industrial, reprocessed, copolymer polypropylene resin. This product is black and comes in pellet form. It has good processability, 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

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Rev. Date 12/1/2023

