



verdant

RRPI4050Y

Recycled Copolymer Polypropylene

Melt Flow: 40-50

VERDANT RRPI4050Y is a post-industrial recycled, reprocessed, polypropylene copolymer resin in black color designed for injection molding applications.

Resin Property	Typical Value	Units	Test Method
Melt Flow Rate, 230 °C/2.16 kg	40-50	g/10 min	ASTM D-1238
Ash Content	2.00-3.00	%	Supplier Method (TGA 2050)
Moisture Content	0.02-0.05	%	Supplier Method (Loss on Drying)
Tensile Strength	3,600-3,800 (25-26)	psi (MPa)	ASTM D-638
Notched Izod Impact, 23°C (73°F)	2.0-2.5 (107-133)	ft-lb/in (J/m)	ASTM D-256

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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