



verdant

RRPI2025FK Series

Recycled Copolymer Polypropylene

Melt Flow: 20-25

VERDANT RRPI2025FK Series is a post-industrial recycled, reprocessed, polypropylene copolymer resin available in black (**RRPI2025FKY**) or natural color (**RRPI2025FKZ**) intended for injection molding applications.

This product has received a U.S. Food and Drug Administration (FDA) No Objection Letter (NOL). It may be used at levels up to 100% and can be used to manufacture articles intended to contact all types of food under all conditions of use.

The FDA recognizes that this material complies with all applicable authorizations, including 21 CFR 174.5-general provisions. For example, in accordance with section 402(a)(3) of the Federal Food, Drug, and Cosmetic Act, the use of recycled material should not impart odor or taste to food rendering it unfit for human consumption.

Resin Property	Typical Value	Units	Test Method
Melt Flow Rate, 230 °C/2.16 kg	20-25	g/10 min	ASTM D-1238
Density	0.902	g/cm ³	ASTM D-792A
Tensile Strength	3,600-3,700 (25-26)	psi (MPa)	ASTM D-638
Flexural Modulus	140,000-169,000 (965-1,165)	psi (MPa)	ASTM D-790
Notched Izod, 73°F (23°C)	No Break	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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