



verdant

RRAB0404Y

Recycled Acrylonitrile-Butadiene-Styrene

Melt Flow: 4

Notched Izod: 4.0

VERDANT RRAB0404Y is a recycled acrylonitrile-butadiene-styrene resin with black color. It is designed for good impact strength and chemical resistance as well as easy processing.

Resin Property	Typical Value	Units	Test Method
Melt Flow, 230°C, 3.8 kg	4 (+/- 2)	g/10 min	ASTM D-1238
Specific gravity	1.04	-	ASTM D-792
Heat Deflection Temperature @ 264psi	169 (76)	°F (°C)	ASTM D-648
Rockwell Hardness	102	R	ASTM D-785
Notched Izod Impact Strength, 1/8" thick specimen	4.0 (+/- 0.5)	ft-lb/in	ASTM D-256

Suggested Processing Conditions:

Drying Conditions	Temperature, °F (Min-Max)	Time, hrs (Min-Max)
Dehumidifying Dryer	190-200	2-24
Tray Dryer (depth of granules in tray not to exceed 1 1/2in (38.1mm))	170-200	4-24

Converting Process	Process Temperature, °F (Min-Max)
Injection	400-440
Extrusion	350-420

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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