

# Raditer® B RVA200

Polybutylene Terephthalate

Radici Plastics

## Message:

PBT/ASA blend 20% Glass fibre reinforced injection moulding grade. For items with medium stiffness. High dimensional stability and Low warpage. Good surface quality. Natural colour.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 20% filler by weight		
Features	Good dimensional stability		
	Low warpage		
	Rigid, good		
	Excellent appearance		
Appearance	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.38	g/cm <sup>3</sup>	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	7000	MPa	ISO 527-2
Tensile Stress (Break)	110	MPa	ISO 527-2
Tensile Strain (Break)	2.5	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/eA
-30°C	7.0	kJ/m <sup>2</sup>	ISO 179/eA
23°C	8.0	kJ/m <sup>2</sup>	ISO 179/eA
Charpy Unnotched Impact Strength			ISO 179/eU
-30°C	45	kJ/m <sup>2</sup>	ISO 179/eU
23°C	55	kJ/m <sup>2</sup>	ISO 179/eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	165	°C	ISO 75-2/Af
Melting Temperature (DSC)	225	°C	ISO 3146
Flammability	Nominal Value	Test Method	
Flame Rating (1.60 mm)	HB	UL 94	
Additional Information			

The value listed as Melting Temperature, ISO 3146, was tested in accordance with ISO 11357-1-3 at a heating rate of 10°C/min.

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