

REPRO PP RG6

Polypropylene
Rondo Plast AB

Message:
PP 30% glassfibre reinforced

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Recycled Content	Yes		
Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ISO 1133
Molding Shrinkage			ISO 2577
Across Flow	0.50 to 0.70	%	
Flow	0.25 to 0.35	%	
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus (23°C)	5000	MPa	ISO 178
Flexural Stress	100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.0	kJ/m²	ISO 179
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	HB		UL 94
Glow Wire Ignition Temperature (2.00 mm)	750	°C	IEC 60695-2-13
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0 to 4.0	hr	
Processing (Melt) Temp	205 to 260	°C	
Mold Temperature	40.0 to 80.0	°C	
Injection Pressure	40.0 to 110	MPa	
Injection Rate	Fast		
Back Pressure	1.00 to 2.00	MPa	

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Recommended distributors for this material

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