

Ronalen SV30

Polypropylene
Roonamid a.s.

Message:
Polypropylene, type reinforced with 30% chemically bounded glass fibers, natural, optimal flow properties. Suitable for injection mouldings with increased requirements to rigidity, strength and toughness.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	Good Strength		
	Good Toughness		
	High Flow		
	High Rigidity		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.10	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.5	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5500	MPa	ISO 527-2
Tensile Stress (Break)	95.0	MPa	ISO 527-2
Flexural Modulus	5400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	10	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	35	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	163	°C	ISO 306
Injection	Nominal Value	Unit	
Drying Temperature	< 80.0	°C	
Suggested Max Moisture	0.10	%	
Processing (Melt) Temp	230 to 240	°C	
Mold Temperature	40.0 to 60.0	°C	

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Recommended distributors for this material

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