

Ronalen M40

Polypropylene
Roonamid a.s.

Message:

Polypropylene, type reinforced with 40% micropulverized talc, natural, optimal flow properties. Suitable for injection mouldings with increased requirements to rigidity and strength.

General Information			
Filler / Reinforcement	Talc,40% Filler by Weight		
Features	Good Strength		
	High Flow		
	High Rigidity		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.26	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4000	MPa	ISO 527-2
Tensile Stress (Break)	28.0	MPa	ISO 527-2
Flexural Modulus	4200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.5	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	14	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	158	°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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