

# SLOVALEN® PC 63 T 15-1M

Polypropylene Copolymer

Plastcom

## Message:

Modified PP copolymer for injection moulding with the content of 15 % mineral filler, uv stabilized, good scratch resistance, low odor and very good flowability with good dimensional stability. The grade is designed for molding of automotive interior trims. Delivered in natural form or in colormatched form.

General Information			
Filler / Reinforcement	Talc,15% Filler by Weight		
Additive	UV Stabilizer		
Features	Copolymer		
	Good Dimensional Stability		
	Good Flow		
	Low to No Odor		
	Scratch Resistant		
Uses	Automotive Applications		
	Automotive Interior Trim		
Appearance	Colors Available		
	Natural Color		
Processing Method	Injection Molding		
Resin ID (ISO 1043)	PP/C		
Physical	Nominal Value	Unit	Test Method
Density	1.01	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1500	MPa	ISO 527-2
Tensile Stress (Yield)	18.0	MPa	ISO 527-2
Tensile Strain (Yield)	25	%	ISO 527-2
Flexural Modulus	1450	MPa	ISO 178
Flexural Stress	17.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-20°C	5.0	kJ/m <sup>2</sup>	
23°C	14	kJ/m <sup>2</sup>	
Charpy Unnotched Impact Strength			ISO 179
-20°C	No Break		

23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	52.0	°C	ISO 75-2/B
Vicat Softening Temperature	105	°C	ISO 306/B
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	200 to 250	°C	
Mold Temperature	40.0 to 50.0	°C	
Injection Pressure	70.0 to 120	MPa	

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#### Recommended distributors for this material

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