

SLOVALEN® PC 63 T 15

Polypropylene Copolymer

Plastcom

Message:

Modified PP for injection moulding with the content of 15% mineral filling. Increased rigidity, strength and thermal. Decreased shrinkage. Application in all automotive interior industry. Delivered in natural mode and in full color scala grade according to customer requirement.

General Information			
Filler / Reinforcement	Talc, 15% Filler by Weight		
Additive	UV Stabilizer		
Features	Good Stiffness		
	Good Strength		
	Low Shrinkage		
Uses	Automotive Interior Parts		
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/cm³	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/m²	
23°C	14	kJ/m²	
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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