

Scolefin 61 T 12-1 FR

Polypropylene Prime Compound



Product Description : 15% Mineral Filled, Halogenated Flame Retardant, White Colour, Polypropylene Homopolymer Compound

Key Features : SCOLEFIN 61 T 12-1 FR is a halogenated, UL 94 FR V2 PPH compound with good strength and stiffness properties

Process Method : Injection moulding

Uses : Recommended for electrical applications

Revision Date : 01.12.2020

	Value	Unit	Standard
Physical			
Density	1,04	gr / cm ³	ISO 1183 1-A
MFI-Melt Flow Index (230°C, 2.16 kg)	20	gr / 10 min.	ISO 1133-1
Mechanical			
Tensile Stress at Break	25	MPa	ISO 527-1
Yield Strength	30	MPa	ISO 527-1
Elongation at Yield	5,5	%	ISO 527-1
Tensile Modulus	2000	MPa	ISO 527-1
Izod Impact Strength (Notched) (23°C)	4	kJ/m ²	ISO 180/1A
Charpy Impact Strength (Notched)	5	kJ/m ²	ISO 179/1A
Flammability			
Flammability (1,6 mm)	V2	*	UL 94
Flammability (3,2 mm)	V2	*	UL 94
Thermal			
Ash Content (600 °C)	15	%	ISO 3451-1

Drying Condition

Drying Time(hr) 0-2

Drying Temperature(°C) 80



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Molding Condition (°C)

1st Zone (hopper)(°C)	180-200
2nd Zone(°C)	200-210
3rd Zone(°C)	210-230
Nozzle(°C)	215
Mold Temperature(°C)	20-40

Important Notice;

The above results are obtained from the tests conducted in Ravago Petrokimya laboratories on injection molded ISO samples and cannot be used directly to determine end-use or design specification. Datasheet values represent a statistical average of product properties and they may be subject to change as new information becomes available. Customers and other users should make their own independent determination that the product is suitable for the intended use. Ravago Petrokimya accepts no responsibility for results obtained by the application of this information and disclaims all warranties that might arise in connection with this information.



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