

Salflex 615TIC

Polypropylene Copolymer

Salflex Polymers Ltd.

Message:

Salflex 615TIC is a polypropylene copolymer (PP Copoly) product, which contains 15% talc filler. It can be processed by injection molding and is available in North America. The application fields of Salflex 615TIC include automobile industry, electrical appliances and industrial applications.

General Information			
Filler / Reinforcement	Talc filler, 15% filler by weight		
Uses	Industrial application		
	Home appliance components		
	Application in Automobile Field		
	Car interior equipment		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.00	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ISO 1133
Molding Shrinkage	1.0 - 1.2	%	ISO 294-4
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	75		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	20.0	MPa	ISO 527-2
Tensile Strain (Break)	130	%	ISO 527-2
Flexural Modulus	1310	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	22	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	57.0	°C	ISO 75-2/B
Additional Information			
Ash Content, ISO 3451/1A: 15%			
Injection	Nominal Value	Unit	
Drying Temperature	70.0 - 90.0	°C	
Drying Time	2.0 - 4.0	hr	
Rear Temperature	190 - 215	°C	
Middle Temperature	200 - 235	°C	
Front Temperature	210 - 245	°C	
Nozzle Temperature	215 - 245	°C	

Processing (Melt) Temp	200 - 220	°C
Mold Temperature	27.0 - 60.0	°C

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

