

Sinvicomp SRF3793

Rigid Polyvinyl Chloride

Teknor Apex Asia Pacific PTE. LTD.

Message:

SINVICOMP SRF3793 is a rigid polyvinyl chloride material. This product is available in the Asia-Pacific region and is processed by injection molding. The main characteristics of SINVICOMP SRF3793 are: impact resistance.
Typical application areas include:
Electrical/electronic applications
engineering/industrial accessories

General Information			
Features	Impact resistance, high		
Uses	Electrical components		
	Accessories		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38 - 1.42	g/cm³	ASTM D792
Congo Red (190°C)	30.0	min	BS 2782
Melt flow~(190°C/21.6kgs)	35g/10mins		ASTM D1238
modulus of elasticity-in Tension	2.50	GPa	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	76		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	50.0	MPa	ASTM D638
Tensile Elongation (Break)	30	%	ASTM D638
Flexural Modulus	2700	MPa	ASTM D790
Flexural Strength	73.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	69	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	82.0	°C	ASTM D1525
Additional Information			

Typical temperature profile for SINVICOMP compound is from 160°C to 180°C. The optimum temperatures depend on the type of machine as well as screw design being used to process SINVICOMP. Feeding zone: 160°C Mixing zone: 160°C~170°C Metering zone: 170°C~180°C Nozzle/Die Zone: 180°C

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Recommended distributors for this material

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