

Sinvicomp SRF3805

Rigid Polyvinyl Chloride

Teknor Apex Asia Pacific PTE. LTD.

Message:

SINVICOMP SRF3805 is a rigid polyvinyl chloride material. This product is available in the Asia-Pacific region and is processed by injection molding. The main features of the SINVICOMP SRF3805 are:

- high gloss
- Impact resistance

Typical application areas include:

- Electrical/electronic applications
- engineering/industrial accessories
- Water pipes/pipes/drinking water

General Information			
Features	Highlight		
	Impact resistance, high		
Uses	Electrical components		
	Accessories		
Agency Ratings	NSF 61		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm ³	ASTM D792
Melt flow-190°C / 21.6kgs	5.5g/10mins		ASTM D1238
Thermal stability-Congo Red (190°C)	30.0	min	BS 2782
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	76		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	46.0	MPa	ASTM D638
Tensile Elongation (Break)	110	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	100	J/m	ASTM D256
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 Compression zone: 160°C~170°C Mixing zone: 170°C~180°C Nozzle/Die Zone: 180°C

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Recommended distributors for this material

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