

Sinvicomp SIM5000

Flexible Polyvinyl Chloride

Teknor Apex Asia Pacific PTE. LTD.

Message:

Sinvicomp SIM5000 is a Flexible Polyvinyl Chloride material. It is available in Asia Pacific for injection molding. Primary attribute of Sinvicomp SIM5000: High Strength.
Typical application of Sinvicomp SIM5000: Electrical/Electronic Applications

General Information			
UL YellowCard	E142591-223230		
Features	High Strength		
Uses	Electrical/Electronic Applications		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	79		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	11.0	MPa	ASTM D638
Tensile Elongation ² (Break)	230	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (80°C, 168 hr)	10	%	ASTM D638
Change in Ultimate Elongation (80°C, 7 hr)	20	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Thermal Stability ³ (190°C)	> 30	min	BS 2782
NOTE			
1.	250 mm/min		
2.	250 mm/min		
3.	Congo Red		

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Recommended distributors for this material

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