

# Sinvicomp SIM5039

Flexible Polyvinyl Chloride

Teknor Apex Asia Pacific PTE. LTD.

Message:

Sinvicomp SIM5039 is a Flexible Polyvinyl Chloride material. It is available in Asia Pacific for injection molding. Primary attribute of Sinvicomp SIM5039: High Strength.  
Typical application of Sinvicomp SIM5039: 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	1.36	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	78		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	13.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	200	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (100°C, 168 hr)	10	%	IEC 811-1-2
Change in Ultimate Elongation (100°C, 168 hr)	20	%	IEC 811-1-2
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	2.0E+13	ohms·cm	BS 2782
NOTE			
1.	250 mm/min		
2.	250 mm/min		

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Recommended distributors for this material

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