

# Sinvicomp SIM3520

Flexible Polyvinyl Chloride

Teknor Apex Asia Pacific PTE. LTD.

Message:

Sinvicomp SIM3520 is a Flexible Polyvinyl Chloride material. It is available in Asia Pacific for injection molding. Primary attribute of Sinvicomp SIM3520: High Strength.  
Typical application of Sinvicomp SIM3520: 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	1.44	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	94		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	17.7	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	160	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (100°C, 168 hr)	10	%	ASTM D638
Change in Ultimate Elongation (100°C, 168 hr)	20	%	ASTM D638
NOTE			
1.	250 mm/min		
2.	250 mm/min		

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Recommended distributors for this material

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