

# Sinvicomp SIM5520

Flexible Polyvinyl Chloride

Teknor Apex Asia Pacific PTE. LTD.

## Message:

Sinvicomp SIM5520 is a Flexible Polyvinyl Chloride material. It is available in Asia Pacific for injection molding. Primary attribute of Sinvicomp SIM5520: High Strength.

Typical application of Sinvicomp SIM5520: 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	1.25	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	75		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	17.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	300	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Thermal Stability <sup>3</sup> (190°C)	> 50	min	BS 2782
NOTE			
1.	250 mm/min		
2.	15000 mm/min		
3.	Congo Red		

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## Recommended distributors for this material

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