

# Sinvicomp SIZ4905

Flexible Polyvinyl Chloride

Teknor Apex Asia Pacific PTE. LTD.

## Message:

"Sinvicomp" SIZ 4905 is a wire & cable polyvinylchloride compound available in pellet form. SIZ 4905 provides good performance for insulation of electrical wires.

General Information			
Features	Rigidity, high		
Uses	Insulating material		
Cable type (UL 758)	AWM UL 1007 UL Style 1015		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity <sup>1</sup>	1.40	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	91		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	18.0	MPa	IEC 811-1-1
Tensile Elongation (Break)	300	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	105	°C	ASTM D794
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (20°C)	2.0E+14	ohms · cm	BS 2782
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	29	%	ASTM D2863

## Additional Information

Typical temperature profile for processing SINVICOMP compound is from 140°C to 185°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: 185°C

## NOTE

1. @ 23°C

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Recommended distributors for this material

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