

Sinvicomp SIZ7008A

Flexible Polyvinyl Chloride

Teknor Apex Asia Pacific PTE. LTD.

Message:

"Sinvicomp" SIZ 7008A is a wire & cable polyvinylchloride compound available in pellet form. SIZ 7008A provides good performance for insulation and jacketing of electrical wires.

General Information			
Uses	Wire sheath		
	Insulating material		
Wire Types (AS 3147/3191)	5V-90		
	V-90		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.36	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	75		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	15.0	MPa	IEC 811-1-1
Tensile Elongation (Break)	300	%	IEC 60811-1-1
Aging	Nominal Value	Unit	Test Method
Changes in mechanical properties after hot air aging test, 115°C, 504 hr ¹			AS 3147/3191
Tensile strength change	10	%	AS 3147/3191
Change in tensile elongation	20	%	AS 3147/3191
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (20°C)	5.0E+13	ohms · cm	BS 2782
Additional Information	Nominal Value	Unit	Test Method
Loss of Mass - 115±2°C, 5 days ² (115°C)	1.50	mg/cm ²	AS 3147/3191
Typical temperature profile for processing SINVICOMP compound is from 140°C to 160°C. The optimum temperatures depend on the type of machine as well as screw design being used to process SINVICOMP. Feeding zone: 150°C~160°C Compression zone: 160°C~170°C Mixing zone: 170°C~180°C Nozzle/Die Zone: 180°C			
NOTE			
1.	115±2°C		
2.	115±2°C, 5 days		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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