

# Sinvicomp SZF6208

Flexible Polyvinyl Chloride

Teknor Apex Asia Pacific PTE. LTD.

## Message:

"Sinvicomp"SZF 6208 is a wire & cable polyvinylchloride compound available in pellet form. SZF 6208 provides good performance for jacketing of cables.

General Information			
Features	Low temperature resistance		
Uses	Wire sheath		
Agency Ratings	UL 1581		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	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 (Break)	16.0	MPa	ASTM D638
Tensile Elongation (Break)	300	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Changes in mechanical properties after hot air aging test, 113°C, 168 hr <sup>1</sup>			UL 1581
Tensile strength change	10	%	UL 1581
Change in tensile elongation	15	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-36.0	°C	ASTM D746
Thermal deformation-120°C, 1hr (120°C)	30	%	BS 6469
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	30	%	ASTM D2863

## Additional Information

Typical temperature profile for processing SINVICOMP compound is from 160°C to 180°C. The optimum temperatures depend on the type of machine as well as screw design being used to process SINVICOMP. Feeding zone: 150°C Compression zone: 160°C~170°C Mixing zone: 170°C~175°C Nozzle/Die Zone: 175°C

## NOTE

1. 113±2°C

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