

Sinvicomp SZF6208

Teknor Apex Asia Pacific PTE. LTD. - Flexible Polyvinyl Chloride

Thursday, August 29, 2019

General Information

Product Description

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

General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Features	• Low Temperature Resistant
Uses	• Wire Jacketing
Agency Ratings	• UL 1581
RoHS Compliance	• RoHS Compliant
Forms	• Pellets
Processing Method	• Extrusion

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.35		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2320	psi	ASTM D638
Tensile Elongation (Break)	300	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	78		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-32.8	°F	ASTM D746
Hot Deformation - 120°C, 1hr (248°F)	30	%	BS 6469
Aging	Nominal Value	Unit	Test Method
Mechanical Properties After Aging in Air Oven, 235°F, 168 hr ²			UL 1581
Change in Tensile Elongation	15	%	
Change in Tensile Strength	10	%	
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

Notes

¹ Typical properties: these are not to be construed as specifications.

² 113±2°C

Revision Date: 5/2/2014

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