Sinvicomp SSZ6066

Flexible Polyvinyl Chloride

Teknor Apex Asia Pacific PTE. LTD.

Message:

SINVICOMP SSZ6066 is a flexible polyvinyl chloride material. This product is available in the Asia-Pacific region and is processed by extrusion. The main features of SINVICOMP SSZ6066 are: ROHS certification.
The typical application field of SINVICOMP SSZ6066 is: wire and cable

General Information			
Uses	Electrical wire sheath material		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity [1]	1.46	g/cm^3	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	81		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	15.0	MPa	IEC 811-1-1
Tensile Elongation (Break)	250	%	IEC 811-1-1
Aging	Nominal Value	Unit	Test Method
Changes in mechanical properties after hot air aging test, 168 hr [2]			IEC 811-1-2
Tensile strength change	10	%	IEC 811-1-2
Change in tensile elongation	12	%	IEC 811-1-2
Thermal	Nominal Value	Unit	Test Method
Low Temperature Brittleness	-24	°C	ASTM D746
Loss of Mass - Oven Ageing Condition @ 80 ± 2°C for 7 days	1.20	mg/cm^2	IEC 811-3-2
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (20°C)	1.0E+13	ohms·cm	BS 2782 230A
Additional Information	Nominal Value	Unit	Test Method
Typical temperature profile for 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: 160°CMixing zone: 160°C~170°CMetering zone: 170°C~180°CNozzle/Die Zone: 180°C			
NOTE			
1.	@ 23°C		
2.	@ 80 ± 2°C		

Recommended distributors for this material

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WECHAT