

Sinvicomp SSZ6309 KD11

Flexible Polyvinyl Chloride

Teknor Apex Asia Pacific PTE. LTD.

Message:

"Sinvicomp"SSZ 6309 KD11 is a wire & cable polyvinylchloride compound available in pellet form. SSZ 6309 KD11 provides good performance for jacketing of cables.

General Information			
Uses	Wire sheath		
Cable Type (BS 6746)	TM1		
	TM2		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.41	g/cm ³	ASTM D792
Carbon Black Content	1	%	
Loss of Mass - 7 days, 80±2°C ¹ (80°C)	0.500	mg/cm ²	IEC 811-3-2
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	78		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	14.0	MPa	IEC 60811-1-1
Tensile Elongation (Break)	250	%	IEC 60811-1-1
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength ² (70°C, 4 hr, in IRM 902 Oil)	15	%	IEC 60811-2-1
Change in Ultimate Elongation ³ (70°C, 4 hr, in IRM 902 Oil)	25	%	IEC 60811-2-1
Changes in mechanical properties after hot air aging test, 80°C, 168 hr ⁴			IEC 811-1-2
Tensile strength change	5	%	IEC 811-1-2
Change in tensile elongation	10	%	IEC 811-1-2
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-28.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (20°C)	1.0E+13	ohms · cm	BS 2782
Additional Information	Nominal Value	Unit	Test Method
Typical temperature profile for processing SINVICOMP compound is from 150°C to 175°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.	7 days, 80±2°C
2.	70±2°C
3.	70±2°C
4.	80±2°C

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

