

Sinvicomp SIZ4505W

Flexible Polyvinyl Chloride

Teknor Apex Asia Pacific PTE. LTD.

Message:

SINVICOMP SIZ4505W is a flexible polyvinyl chloride material. This product is available in the Asia-Pacific region and is processed by extrusion. The main features of the SINVICOMP SIZ4505W are:
ROHS certification
chemical resistance
The typical application field of SINVICOMP SIZ4505W is: wire and cable

General Information			
Features	Oil resistance		
Uses	Electrical conductor insulation material		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	44		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	21.0	MPa	ASTM D638
Tensile Elongation (Break)	300	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature ¹	105	°C	ASTM D794
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (20°C)	1.0E+15	ohms·cm	BS 2782 230A
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	28	%	ASTM D2863
Additional Information			
Typical temperature profile for PVC compound is from 150°C to 190°C. The optimum temperatures depend on the type of machine as well as screw design being used to process SINVICOMP materials.Feeding zone: 150°C~165°CMixing zone: 170°C~185°CMetering zone: 180°C~190°CNozzle/Die Zone: 180°C~190°C			
NOTE			
1.	Dry		

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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

