

# Sinvicomp SIZ4505H

Rigid Polyvinyl Chloride

Teknor Apex Asia Pacific PTE. LTD.

Message:

SINVICOMP SIZ4505H is a rigid polyvinyl chloride material. This product is available in the Asia-Pacific region and is processed by extrusion. The main features of the SINVICOMP SIZ4505H are:  
ROHS certification  
High stiffness  
The typical application field of SINVICOMP SIZ4505H is: wire and cable

General Information			
Features	Rigidity, high		
Uses	Electrical conductor insulation material		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.43	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	46		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	19.0	MPa	IEC 754-2
Tensile Elongation (Break)	240	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature <sup>1</sup>	105	°C	ASTM D794
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (20°C)	2.0E+14	ohms·cm	BS 2782 230A
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	30	%	ASTM D2863
Additional Information			
Typical temperature profile for SINVICOMP compound is from 140°C to 185°C. The optimum temperatures depend on the type of machine as well as screw design being used to process SINVICOMP.Feeding zone: 140°CCompression zone: 150°C~170°CMixing zone: 170°C~180°CNozzle/Die Zone: 185°C			
NOTE			
1.	Dry		

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Recommended distributors for this material

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