

Sinvicomp SIF5166

Flexible Polyvinyl Chloride

Teknor Apex Asia Pacific PTE. LTD.

Message:

Sinvicomp SIF5166 is a Flexible Polyvinyl Chloride material. It is available in Asia Pacific for extrusion. Primary attribute of Sinvicomp SIF5166: High Stiffness.

Typical application of Sinvicomp SIF5166: Wire & Cable

General Information			
Features	High Stiffness		
Uses	Wire & Cable Applications		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.56	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	91		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	17.0	MPa	ASTM D638
Tensile Elongation ² (Break)	190	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (80°C, 168 hr)	10	%	ASTM D638
Change in Ultimate Elongation (80°C, 168 hr)	15	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Thermal Stability ³ (190°C)	> 1	hr	BS 2782
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (20°C)	1.0E+14	ohms·cm	BS 2782
NOTE			
1.	250 mm/min		
2.	250 mm/min		
3.	Congo Red		

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Recommended distributors for this material

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