

# Sinvicomp SGH6505

Flexible Polyvinyl Chloride

Teknor Apex Asia Pacific PTE. LTD.

Message:

SINVICOMP SGH6505 is a flexible polyvinyl chloride material. This product is available in the Asia-Pacific region and is processed by extrusion. The main characteristics of SINVICOMP SGH6505 are: good rigidity.  
The typical application field of SINVICOMP SGH6505 is: hose

General Information			
Features	Rigid, good		
Uses	Garden hose		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm <sup>3</sup>	ASTM D792
Congo Red (190°C)	30.0	min	BS 2782
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	74		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	14.7	MPa	ASTM D638
Tensile Elongation (Break)	340	%	ASTM D638
Additional Information			

Typical temperature profile for processing SINVICOMP compound is from 140°C to 170°C. The optimum temperatures depend on the type of machine as well as screw design being used to process SINVICOMP. Feeding zone: 140°C Mixing zone: 140°C~155°C Metering zone: 155°C~170°C Nozzle/Die zone: 170°C

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