

# Sinvicomp SGH5900

Flexible Polyvinyl Chloride

Teknor Apex Asia Pacific PTE. LTD.

Message:

"Sinvicomp" SGH 5900 is an extrusion grade polyvinylchloride compound available in pellet form. Generally used in the production of garden hose.

General Information			
Uses	Garden hose		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	70		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	16.0	MPa	ASTM D638
Tensile Elongation (Break)	340	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Thermal Stability <sup>1</sup> (190°C)	> 30	min	BS 2782
Additional Information			
Typical temperature profile for processing SINVICOMP compound is from 160°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 ~160°C Compression zone: 160°C~165°C Mixing zone: 165°C~170°C Nozzle/Die Zone: 170°C~175°C			
NOTE			

1. Congo red

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