

## - Flexible Polyvinyl Chloride

Friday, June 30, 2017

### General Information

#### Product Description

"Sinvicomp" SGH6009 is an extrusion grade polyvinylchloride compound available in pellet form.

#### General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Uses	• Hose • Tubing
Forms	• Granules
Processing Method	• Extrusion

### ASTM & ISO Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2280	psi	IEC 811-1-1
Tensile Elongation (Break)	350	%	IEC 811-1-1
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	72		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Thermal Stability - Congo Red (374°F)	> 30	min	BS 2782

#### Additional Information

Typical temperature profile for processing SINVICOMP compound is from 165°C to 190°C. The optimum temperatures depend on the type of machine as well as screw design being used to process SINVICOMP.

Feeding zone: 130°C~140°C  
 Compression zone: 140°C~150°C  
 Mixing zone: 145°C~155°C  
 Nozzle/Die Zone: 160°C~170°C

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

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