

# Sinvicomp SGN4029

Teknor Apex Asia Pacific PTE. LTD. - Rigid Polyvinyl Chloride

Thursday, August 29, 2019

## General Information

### General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Features	• Good Stiffness
Uses	• Gaskets
Forms	• Pellets
Processing Method	• Extrusion

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.29 to 1.33		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	2560	psi	ASTM D638
Tensile Elongation (Break)	200	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	87 to 93		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Thermal Stability - Congo Red (374°F)	> 30	min	BS 2782

### Additional Information

Typical temperature profile for SINVICOMP compound is from 135°C to 165°C. The optimum temperatures depend on the type of machine as well as screw design being used to process SINVICOMP.

Feeding zone: 135°C~145°C  
Mixing zone: 145°C~155°C  
Metering zone: 155°C~165°C  
Nozzle/Die Zone: 165°C

### Notes

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

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