

# Sinvicomp SGH2815UV

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

Thursday, August 29, 2019

## General Information

### Product Description

"Sinvicomp" SGH 2815UV is a flexible Polyvinyl Chloride material. It is available in Asia Pacific for extrusion. Primary attribute of Sinvicomp SGH2815UV: Good UV Resistance.

### General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Features	• UV Resistant
Forms	• Pellets
Processing Method	• Extrusion

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.37		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	2840	psi	ASTM D638
Tensile Elongation (Break)	250	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	51		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 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: 165°C  
Mixing zone: 165°C~180°C  
Meteringzone: 180°C~190°C  
Nozzle/Die Zone: 190°C

### Notes

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