



# Sinvicomp SIC3704AUV

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

## General Information

### Product Description

"Sinvicomp" SIC 3704AUV is an extrusion grade polyvinylchloride compound available in pellet form. SIC 3704AUV provides medium impact performance suitable for transparent profiles that need reasonable UV resistance.

### General

Material Status	• Commercial: Active	
Availability	• Asia Pacific	
Features	• Medium Impact Resistance	
Uses	• Labels	• Rigid Packaging
Forms	• Pellets	
Processing Method	• Extrusion	

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.33		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	5080	psi	ASTM D638
Tensile Elongation (Break)	150	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	0.92	ft·lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	167	°F	ASTM D1525

### Additional Information

Typical temperature profile for processing SINVICOMP compound is from 160°C to 180°C. The optimum temperatures depend on the type of machine as well as screw design being used to process SINVICOMP.

Feeding zone: 160°C

Compression zone: 160°C~170°C

Mixing zone: 170°C~180°C

Nozzle/Die Zone: 180°C

### Notes

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