

# Sinvicomp SFM4200

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

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## General Information

### Product Description

Sinvicomp SFM 4200 is a Polyvinyl Chloride Molding Compound available in pellet form.

### General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Features	• DEHP Plasticizer • Non-Toxic
Forms	• Pellets
Processing Method	• Injection Molding

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.24		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup>	1740	psi	ASTM D638
Tensile Elongation (Break)	270	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	75		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Heat Stability - Oven (374°F)	> 30.0	min	ASTM D2115-92

### Additional Information

Typical temperature profile for processing compound is from 140°C to 180°C. The optimum temperatures depend on the type of machine as well as screw design being used to process.

Feeding zone :140°C

Mixing zone :155°C ~ 170°C

Nozzle / Die zone :160°C ~ 180°C

Mold temperature :0°C ~ 50°C

### Notes

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

<sup>2</sup> 20 in/min

Revision Date: 5/6/2016

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