

- Flexible Polyvinyl Chloride

Friday, June 30, 2017

General Information

General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Features	• Good Stiffness • Non-Toxic
Uses	• Gaskets
Forms	• Granules
Processing Method	• Extrusion

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.39 to 1.43		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	2180	psi	ASTM D638
Tensile Elongation (Break)	250	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	69		ASTM D2240
Thermal	Nominal Value	Unit	
Low Temperature Brittleness ²	< -13	°F	
Additional Information	Nominal Value	Unit	
Fungal Resistance - Fungicide Material	Present		

Typical temperature profile for SINVICOMP compound is from 140°C to 160°C. The optimum temperatures depend on the type of machine as well as screw design being used to process SINVICOMP.

Feeding zone: 140°C
 Mixing zone: 140°C~150°C
 Metering zone: 150°C~160°C
 Nozzle/Die Zone: 160°C

Notes

¹ Typical properties: these are not to be construed as specifications.

² Method: GB5470

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