

- Flexible Polyvinyl Chloride

Friday, June 30, 2017

General Information

Product Description

"Sinvicomp" SFC 8017 is a molding grade polyvinylchloride resin available in granular form. SFC 8017 contain foaming ingredient that is suitable for producing microcellular structures or shoe soles application that can be used on it own.

General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Features	• Foamable
Uses	• Footwear
Forms	• Granules
Processing Method	• Injection Molding

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.28		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	1740	psi	ASTM D638
Tensile Elongation (Break)	360	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 10 sec)	61		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Heat Stability - Congo Red (374°F)	> 40.0	min	BS 2782

Additional Information

Typical temperature profile for processing SINVICOMP 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 SINVICOMP.

Feeding zone: 150°C
 Mixing zone: 155°C~160°C
 Meteringzone: 160°C~165°C
 Nozzle/Die Zone: 170°C

Notes

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

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