

- Flexible Polyvinyl Chloride

General Information

Product Description

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"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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Revision Date: 5/16/2016

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