

- Rigid Polyvinyl Chloride

Thursday, June 29, 2017

General Information			
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Material Status	Commercial: Active		
Availability	Asia Pacific		
Features	Good Stiffness		
Uses	Gaskets		
Forms	Pellets		
Processing Method	Extrusion		

ASTM & ISO Properties ¹				
Physical	Nominal Value	Unit	Test Method	
Specific Gravity	1.29 to 1.33		ASTM D792	
Mechanical	Nominal Value	Unit	Test Method	
Tensile Strength (Yield)	2560	psi	ASTM D638	
Tensile Elongation (Break)	200	%	ASTM D638	
Hardness	Nominal Value	Unit	Test Method	
Durometer Hardness (Shore A)	87 to 93		ASTM D2240	
Thermal	Nominal Value	Unit	Test Method	
Thermal Stability - Congo Red (374°F)	> 30	min	BS 2782	
Additional Information				

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Typical temperature profile for SINVICOMP compound is from 135°C to 165°C. The optimum temperatures depend on the type of machine as well as screw design being used to process SINVICOMP.

Feeding zone: 135°C~145°C Mixing zone: 145°C~155°C Metering zone: 155°C~165°C Nozzle/Die Zone: 165°C

Notes

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

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Revision Date: 1/2/2013

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