

Sinvicomp SFW6500A

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

Thursday, August 29, 2019

General Information

General

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

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.23 to 1.27		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	1990	psi	ASTM D638
Tensile Elongation (Break)	350	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	67		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Thermal Stability - Congo Red (374°F)	30	min	BS 2782

Additional Information

Typical temperature profile for SINVICOMP compound is from 140°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: 140°C

Mixing zone: 140°C~150°C

Metering zone: 150°C~160°C

Nozzle/Die Zone: 165°C

Notes

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

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