

Sinvicomp SGH4340D

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

Thursday, August 29, 2019

General Information

General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Features	• High Stiffness
Uses	• Garden Hose
Forms	• Pellets
Processing Method	• Extrusion

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity ²	1.41		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		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 160°C to 185°C. The optimum temperatures depend on the type of machine as well as screw design being used to process SINVICOMP.

Feeding zone: 160°C

Mixing zone: 160°C~170°C

Metering zone: 170°C~180°C

Nozzle/Die Zone: 185°C

Notes

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

² Clear compound

Revision Date: 10/7/2014

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