

Sinvicomp SRP9619A

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

Friday, August 30, 2019

General Information

General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Features	• Flame Retardant • Medium Gloss • Medium Impact Resistance
Uses	• Electrical/Electronic Applications • Piping • Profiles
Forms	• Granules
Processing Method	• Extrusion

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.54		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	6680	psi	ASTM D638
Tensile Elongation (Break)	110	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	0.73	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	208	°F	ASTM D1525
Heat Stability - Congo Red (374°F)	30.0	min	BS 2782

Additional Information

Typical temperature profile for SINVICOMP compound is from 160°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: 160°C
Compression zone: 160°C~170°C
Mixing zone: 170°C~180°C
Nozzle/Die Zone: 180°C

Notes

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

Revision Date: 4/22/2014

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