

Sinvicomp SRP3003FRF

- Rigid Polyvinyl Chloride

Friday, June 30, 2017

General Information

General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Features	• Flame Retardant • Medium Impact Resistance
Uses	• Ceiling Panels • Piping • Electrical/Electronic Applications • Profiles
RoHS Compliance	• RoHS Compliant
Forms	• Pellets
Processing Method	• Extrusion

ASTM & ISO Properties¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.48 to 1.52		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	5660	psi	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	0.92	ft-lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	79		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	201	°F	ASTM D1525

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.

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