



Sinvicomp SRP3705F

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

General Information

Product Description

"Sinvicomp" SRP 3705F is a Ca/Zn based extrusion grade polyvinylchloride available in granular form. SRP 3705F provide good impact performance suitable for rigid electrical conduits and corrugated pipes

General

Material Status	• Commercial: Active	
Availability	• Asia Pacific	
Features	• Good Impact Resistance	
Uses	• Conduit	• Corrugated Pipe
Forms	• Granules	
Processing Method	• Extrusion	

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.39 to 1.41		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	6090	psi	ASTM D638
Tensile Elongation (Break)	190	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.9	ft·lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Stability - Congo Red (374°F)	> 30.0	min	BS 2782

Additional Information

Typical temperature profile for processing 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 150°C

Compression zone 160°C ~ 170°C

Mixing zone 170°C ~ 180°C

Nozzle / Die zone 190°C

Notes

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