



Sinvicomp SBB3713J

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

General Information

Product Description

"Sinvicomp" SBB 3713J is a tin-based bottle grade polyvinylchloride resin available in pellet form. SBB 3713J provide super impact performance suitable for bottles and containers.

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific		
Features	• High Impact Resistance		
Uses	• Bottles	• Containers	
Forms	• Pellets		
Processing Method	• Injection Blow Molding		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity ²	1.32		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	6090	psi	ASTM D638
Tensile Elongation (Break)	170	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	11	ft-lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	75		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	174	°F	ASTM D1525

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 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.

² ±0.02