

Sinvicomp SBB3713J

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

Thursday, August 29, 2019

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

Revision Date: 7/6/2017

The information and recommendations contained in this bulletin are, to the best of our knowledge, accurate and reliable but no guarantee of their accuracy is made. All products are sold upon condition that purchasers shall make their own tests to determine the suitability of such products for their particular purposes and uses and purchasers assume all risks and liability for the results of use of the products, including use in accordance with seller's recommendations. Nothing in this bulletin constitutes permission or a recommendation to practice or use any invention covered by any patent owned by this company or by others. There is no warranty of merchantability and there are no other warranties for the products described.