



Sinvicomp SBF3748

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

General Information

Product Description

"Sinvicomp" SBF 3748 is a tin-based blown film grade polyvinylchloride compound available in pellet form. SBF 3748 provides good performance suitable for shrink wrap film.

General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Uses	• Shrink Wrap
Forms	• Pellets
Processing Method	• Blown Film

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.30 to 1.34		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	7250	psi	ASTM D638
Tensile Elongation (Break)	180	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	0.84	ft-lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	76		ASTM D2240

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.