

Sinvicomp SIC3704BUV

- Rigid Polyvinyl Chloride

Thursday, June 29, 2017

General Information

Product Description

"Sinvicomp" SIC 3704BUV is an extrusion grade polyvinylchloride compound available in pellet form. SIC 3704BUV provides medium impact performance suitable for transparent profiles that need reasonable UV resistance.

General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Features	• Medium Impact Resistance
Uses	• Labels • Rigid Packaging
Forms	• Pellets
Processing Method	• Extrusion

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	5080	psi	ASTM D638
Tensile Elongation (Break)	150	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	0.92	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	167	°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.

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