

Sinvicomp SIZ4905

- Flexible Polyvinyl Chloride

Thursday, June 29, 2017

General Information

Product Description

"Sinvicomp" SIZ 4905 is a wire & cable polyvinylchloride compound available in pellet form. SIZ 4905 provides good performance for insulation of electrical wires.

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific		
Features	• High Stiffness		
Uses	• Insulation		
Wire Types (UL 758)	• AWM	• UL Style 1007	• UL Style 1015
RoHS Compliance	• RoHS Compliant		
Forms	• Pellets		
Processing Method	• Extrusion		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity ²	1.40		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	2610	psi	IEC 811-1-1
Tensile Elongation (Break)	300	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	91		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	221	°F	ASTM D794
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (68°F)	2.0E+14	ohms·cm	BS 2782
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	29	%	ASTM D2863

Additional Information

Typical temperature profile for processing SINVICOMP compound is from 140°C to 185°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: 185°C

Notes

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

² @ 23°C



Revision Date: 10/9/2014

Sinvicomp SIZ4905

- Flexible Polyvinyl Chloride

Teknor Apex Company
Corporate Headquarters

*In U.S. for Vinyls, TPEs, Colorants,
Engineered Thermoplastics (Chem Polymer)*
505 Central Avenue
Pawtucket, Rhode Island 02861 U.S.

Phone: 401-725-8000
Fax: 401-725-8095
Toll Free (U.S. only) 800-556-3864

Teknor Apex U.K. Ltd.

Tat Bank Road
Oldbury, West Midlands B69 4NH England

Phone: (44) 121-665-2100
Fax: (44) 121-544-5530

etpsales@teknorapex.co.uk

info@teknorapex.com

上海松翰塑化科技有限公司
TEKNOR APEX 特诺尔爱佩斯 一级分销商
teknorapex.shshsj.com 联系电话: 021-58958519

Revision Date: 10/9/2014

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.