

Monprene® CE-922968 (PRELIMINARY DATA)

Teknor Apex Company - Thermoplastic Elastomer

Friday, June 30, 2017

General Information

Product Description

Monprene CE-922968 is a general purpose thermoplastic elastomer, available in NAT and colors, developed for a variety of consumer electronic product applications, including communication cable jacketing. Monprene CE-922968 is a medium hardness, low density, UV resistant, ROHS compliant grade suitable for extrusion.

General

Material Status	• Preliminary Data		
Availability	• Asia Pacific		
Features	<ul style="list-style-type: none"> • Chemical Resistant • Good Adhesion • Good Colorability • Good Processability 	<ul style="list-style-type: none"> • Low Density • Low Flow • Low Friction • Low Specific Gravity 	<ul style="list-style-type: none"> • Medium Hardness • UV Resistant
Uses	<ul style="list-style-type: none"> • Communication Cable Jacketing • Consumer Applications 	<ul style="list-style-type: none"> • Electrical/Electronic Applications • Rubber Replacement 	<ul style="list-style-type: none"> • Wire & Cable Applications
RoHS Compliance	• RoHS Compliant		
Appearance	• Colors Available	• Natural Color	
Forms	• Pellets		
Processing Method	• Extrusion		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.902		ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	3.8	g/10 min	ASTM D1238
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	957	psi	ASTM D412
Tensile Elongation (Break)	400	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 1 sec, Injection Molded	69		
Shore A, 5 sec, Injection Molded	67		

Legal Statement

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 purchaser assumes 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 others. There is no warranty of merchantability and there are no other warranties for the products described. For detailed Product Stewardship information, please contact us. Any product of Teknor Apex, including product names, shall not be used or tested in medical or food contact applications without the prior written acknowledgement of Teknor Apex as to the intended use. Please note that some products may not be available in one or more countries.

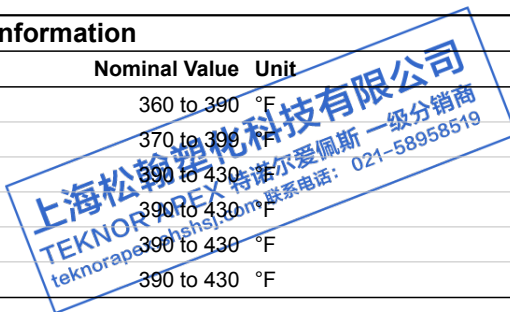
Processing Information

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	360 to 390	°F
Cylinder Zone 2 Temp.	370 to 399	°F
Cylinder Zone 3 Temp.	390 to 430	°F
Cylinder Zone 4 Temp.	390 to 430	°F
Cylinder Zone 5 Temp.	390 to 430	°F
Die Temperature	390 to 430	°F

Extrusion Notes

Screw Speed: 30 to 100 rpm

Revision Date: 6/8/2016



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Notes

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

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: 6/8/2016

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