Monprene® RG-29068 NAT (PRELIMINARY DATA)

Teknor Apex Company - Thermoplastic Elastomer

Thursday, April 2, 2026

General Information

Product Description

Monprene RG-29068 NAT is specifically designed for regulated applications including food contact and is suitable for extrusion. Monprene RG-29068 NAT complies with various US FDA and European regulations and directives for food contact. Please contact Teknor Apex for a regulatory compliance letter.

General			
Material Status	• Preliminary Data		
Availability	• Africa & Middle East • Europe	• Latin America • North America	
Features	• Food Contact Acceptable • Good Organoleptic Properties	• Low Density • Medium Hardness	
Uses	• Consumer Applications	• Food Containers	• Food Packaging
Agency Ratings	• EU	• FDA Food Contact	
RoHS Compliance	• RoHS Compliant		
Appearance	• Translucent		
Forms	• Pellets		
Processing Method	• Extrusion		

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.900		ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (100% Strain)	445	psi	ISO 37
Tensile Stress (Break)	1520	psi	ISO 37
Tensile Elongation (Break)	750	%	ISO 37
Hardness	**Nominal Value**	**Unit**	**Test Method**
Shore Hardness			ISO 868
Shore A, 1 sec	70		
Shore A, 5 sec	68		

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.	300 to 320	°F
Cylinder Zone 2 Temp.	320 to 380	°F
Cylinder Zone 3 Temp.	340 to 400	°F
Cylinder Zone 4 Temp.	360 to 400	°F
Die Temperature	360 to 400	°F

Revision Date: 6/1/2016

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Extrusion Notes

Screw Speed: 30 to 100 rpm

Drying is not necessary. However, if moisture is a problem, dry the pellets for 2 to 4 hours at 150F (65C).

Notes

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

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