



Spett.le

18/12 2023

## **Identificazione articolo e delle categorie di alimenti con i quali può venire a contatto**

Con la presente si dichiara che: l'articolo **Fv 1010 Ar**

Spatola in Gomma per alimenti peso totale gr.86 lunghezza cm 32  
è adatta al contatto con prodotti alimentari.

### **Conformità normativa**

I suddetti articoli sono conformi a tutte le disposizioni legislative pertinenti, con particolare riferimento alla seguente legislazione comunitaria europea:

Regolamento (CE) 1935/2004

Regolamento (CE) 2023/2006

Regolamento (UE) 10/2011 e successivi aggiornamenti e modifiche

ed alla seguente legislazione italiana:

Decreto Ministeriale 21/3/73 e successivi modifiche ed integrazioni.

### **Composizione materiale**

Il materiale Santoprene 8271 è idoneo al contatto alimentare

### **Destinazione d'uso**

Con la presente si dichiara che nelle condizioni di utilizzo previste e prevedibili e nello stato in cui vengono commercializzati, i prodotti forniti da Trix gomma sono idonei ad un uso ripetuto a contatto con sostanze alimentari.

I prodotti sopraccitati sono fabbricati utilizzando materiali

inclusi nelle liste positive ed idonei al contatto con sostanze alimentari, impiegando processi produttivi controllati e conformi alle normative vigenti.

Le prove analitiche atte a certificare l'idoneità al contatto con sostanze alimentari sono state eseguite in accordo alla Direttiva CE 82/711 ed al Regolamento CE 10/2011 e successive aggiornamenti e modifiche.

I materiali impiegati non contengono :

- sostanze elencate negli Allegati I e II del Regolamento CE 10/2011;
- sostanze sottoposte a restrizioni;
- sostanze non ammesse;
- additivi "dual use" (Regolamento CE 1333/08 e Regolamento CE 1334/08);

### **L'articolo FV 1010 M Rispetta i limiti di migrazione**

Nelle condizioni di utilizzo successivamente specificate i prodotti rispettano i limiti di migrazione specifica e globale alle seguenti condizioni di prova : 10 giorni alla temperatura di 40°C a contatto con i simulanti alimentari A, e D con un rapporto tra superficie esposta del campione (dm<sup>2</sup>) e volume di liquido di simulante Acido acetico 3%

A fronte di ciò tali prodotti sono idonei :

- a mantenere inalterati i requisiti organolettici dei prodotti alimentari con cui vengono in contatto;
- alla conservazione ed allo stoccaggio prolungato a temperature ambiente o inferiori ad essa;
- al riscaldamento fino a 70°C per una durata fino a 2 ore;
- al riscaldamento fino a 100°C per una durata fino a 15 minuti

di tutte le sostanze e categorie alimentari corrispondenti ai simulanti alimentari B



**TRIX GOMMA SRL. Via XX Settembre N. 39 20024 Garbagnate Milanese (Milano)**  
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**DICHIARAZIONE DI CONFORMITA' DEI MATERIALI E DEGLI OGGETTI DESTINATI  
A VENIRE A CONTATTO CON I PRODOTTI ALIMENTARI**

L'utilizzatore finale del prodotto acquistato da Trix Gomma SRL ha la responsabilità di comunicare a Trix gomma SRL eventuali restrizioni in ragione delle caratteristiche compositive (presenza aromi o additive) del prodotto alimentare da confezionare / stoccare con cui il prodotto viene a contatto. L'utilizzazione in sede industriale o commerciale del materiale indicato nella presente dichiarazione non

esclude l'accertamento della sua conformità alle norme vigenti di competenza nonché della idoneità tecnologica allo scopo cui è destinato.

Questa dichiarazione ha validità a partire dalla data sotto riportata e sarà sostituita nel caso in cui intervengano cambiamenti sostanziali nella produzione del materiale in grado di mutare alcuni requisiti

essenziali ai fini della conformità o quando i riferimenti legislativi citati nella presente dichiarazione saranno

modificati e/o aggiornati in modo da richiedere una nuova verifica ai fini della conformità.

A supporto di quanto indicato la ditta dispone di analisi in autocontrollo. I rapporti di prova sono disponibili presso l'insediamento Trix gomma

#### **DISPOSIZIONI IGIENICHE della HACCP – REG. CE 852/04 e REG. CE 178/2002**

Avendo adottato le misure necessarie a garantire l'igiene degli imballi, DICHIARIAMO che L'articolo da noi prodotto, è esente da corpi estranei e sono conservati in magazzino su pallet o gabbie metalliche, avvolti da film di polietilene, oppure in scatole di cartone opportunamente chiusi. In tutti i casi i prodotti finiti mantengono all'interno le condizioni di pulizia esistenti al momento della produzione.

Sostanzialmente sono protetti anche esternamente in quanto conservati in ambiente chiuso e protetto.

L'imballo di spedizione può essere su pallet, in confezione o sfuso, secondo gli accordi contrattuali con il cliente.

La dichiarazione ha validità a partire dalla data riportata in calce e sarà sostituita in presenza di cambiamenti sostanziali nella produzione del materiale in grado di mutare alcuni requisiti essenziali ai fini della conformità o a seguito di modifiche dei riferimenti legislativi.

Validità scheda 2 anni.

Garbagnate Milanese 18/12/ 2023

Responsabile Qualità  
Vivaldi Paolo

**trix gomma s.r.l.**  
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DICHIARAZIONE DI CONFORMITA' DEI MATERIALI E DEGLI OGGETTI DESTINATI A VENIRE A CONTATTO CON I PRODOTTI ALIMENTARI

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# Scheda Tecnica

## Fv 1010



CARATTERISTICHE TECNICHE	
<b>MATERIALE:</b>	Santoprene
<b>SPESSORE DELLA TESTA</b>	da 3 a 7 mm.
<b>LUNGHEZZA TOTALE</b>	cm. 32
<b>TEMPERATURA</b>	(-20° + 110°)
<b>PESO NETTO</b>	gr. 86
<b>COLORE</b>	bianco / arancio

# Santoprene™ 8271-65

## Thermoplastic Vulcanizate

Product Description	Key Features
A soft, colorable, specialty, non-hygroscopic thermoplastic vulcanizate (TPV) in the thermoplastic elastomer (TPE) family. It is designed for use in non fatty food contact applications. This grade of Santoprene TPV is shear-dependent and can be processed on conventional thermoplastics equipment for injection molding or blow molding. It is polyolefin based and completely recyclable.	<ul style="list-style-type: none"> <li>This product, in principle, can be used in food contact applications in the USA (FDA). Migration or use limitations may apply.</li> <li>Complies with NSF Standard 51: Food Equipment Materials - Plastics, materials and components used in food equipment.</li> <li>UL listed: file #QMFZ2.E80017, Plastics - Component; file #QMFZ8.E80017, Plastics Certified For Canada - Component.</li> <li>Recommended for applications requiring excellent flex fatigue resistance.</li> <li>Non-hygroscopic product; requires little to no drying before processing.</li> <li>Neutral, easy coloring formulation.</li> <li>RoHS compliant.</li> </ul>

General			
Availability <sup>1</sup>	<ul style="list-style-type: none"> <li>Africa &amp; Middle East</li> <li>Asia Pacific</li> </ul>	<ul style="list-style-type: none"> <li>Europe</li> <li>Latin America</li> </ul>	<ul style="list-style-type: none"> <li>North America</li> <li>South America</li> </ul>
Applications	<ul style="list-style-type: none"> <li>Consumer - FDA Seals and Closures</li> <li>Consumer - Packaging</li> </ul>	<ul style="list-style-type: none"> <li>Consumer - Small Appliance</li> <li>Consumer - Soft Touch Grips</li> </ul>	<ul style="list-style-type: none"> <li>Industrial - Seals and Gaskets</li> <li>Tubing</li> </ul>
Uses	<ul style="list-style-type: none"> <li>Flexible Grips</li> <li>Food Containers</li> <li>Kitchenware</li> </ul>	<ul style="list-style-type: none"> <li>Living Hinges</li> <li>Non-specific Food Applications</li> <li>Seals</li> </ul>	<ul style="list-style-type: none"> <li>White Goods &amp; Small Appliances</li> </ul>
Agency Ratings	<ul style="list-style-type: none"> <li>EU Annex XVII of Regulation (EC) No 1907/2006</li> <li>FDA Food Contact, Unspecified Rating</li> </ul>	<ul style="list-style-type: none"> <li>NSF 51</li> <li>UL QMFZ2</li> </ul>	<ul style="list-style-type: none"> <li>UL QMFZ8</li> </ul>
RoHS Compliance	<ul style="list-style-type: none"> <li>RoHS Compliant</li> </ul>		
UL File Number	<ul style="list-style-type: none"> <li>E80017</li> </ul>		
Color	<ul style="list-style-type: none"> <li>Natural Color</li> </ul>		
Form(s)	<ul style="list-style-type: none"> <li>Pellets</li> </ul>		
Processing Method	<ul style="list-style-type: none"> <li>Blow Molding</li> <li>Extrusion Blow Molding</li> </ul>	<ul style="list-style-type: none"> <li>Injection Blow Molding</li> <li>Injection Molding</li> </ul>	<ul style="list-style-type: none"> <li>Multi Injection Molding</li> </ul>
Revision Date	<ul style="list-style-type: none"> <li>07/13/2011</li> </ul>		

Physical	Typical Value (English)	Typical Value (SI)	Test Based On
Specific Gravity	0.950	0.950	ASTM D792
Density	0.950 g/cm <sup>3</sup>	0.950 g/cm <sup>3</sup>	ISO 1183
Hardness	Typical Value (English)	Typical Value (SI)	Test Based On
Shore Hardness			ISO 868
Shore A, 15 sec, 73°F (23°C), 0.0787 in (2.00 mm)	69	69	

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

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ExxonMobil Chemical Santoprene™ 8271-65  
Thermoplastic Vulcanizate

Elastomers	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Stress at 100% - Across Flow (73°F (23°C))	392 psi	2.70 MPa	ASTM D412
Tensile Stress at 100% - Across Flow (73°F (23°C))	392 psi	2.70 MPa	ISO 37
Tensile Strength at Break - Across Flow (73°F (23°C))	943 psi	6.50 MPa	ASTM D412
Tensile Stress at Break - Across Flow (73°F (23°C))	943 psi	6.50 MPa	ISO 37
Elongation at Break - Across Flow (73°F (23°C))	470 %	470 %	ASTM D412
Tensile Strain at Break - Across Flow (73°F (23°C))	470 %	470 %	ISO 37
Tear Strength - Across Flow (73°F (23°C), Die C)	108 lbf/in	19.0 kN/m	ASTM D624
Tear Strength - Across Flow (73°F (23°C), Method Bb, Angle (Nicked))	110 lbf/in	19 kN/m	ISO 34-1
Compression Set (158°F (70°C), 22 hr, Type 1)	32 %	32 %	ASTM D395B
Compression Set (158°F (70°C), 22 hr, Type A)	32 %	32 %	ISO 815

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Brittleness Temperature	-81 °F	-63 °C	ASTM D746
Brittleness Temperature	-81 °F	-63 °C	ISO 812
RTI Elec	212 °F	100 °C	UL 746
RTI Str	185 °F	85.0 °C	UL 746

Injection	Typical Value (English)	Typical Value (SI)
Suggested Max Moisture	0.080 %	0.080 %
Suggested Max Regrind	20 %	20 %
Rear Temperature	350 to 375 °F	177 to 191 °C
Middle Temperature	355 to 380 °F	179 to 193 °C
Front Temperature	365 to 390 °F	185 to 199 °C
Nozzle Temperature	365 to 410 °F	185 to 210 °C
Processing (Melt) Temp	290 to 420 °F	143 to 216 °C
Mold Temperature	75.0 to 125 °F	23.9 to 51.7 °C
Injection Rate	Fast	Fast
Back Pressure	50.0 to 100 psi	0.345 to 0.689 MPa
Screw Speed	100 to 200 rpm	100 to 200 rpm
Clamp Tonnage	3.0 to 5.0 tons/in <sup>2</sup>	41 to 69 MPa
Cushion	0.125 to 0.250 in	3.18 to 6.35 mm
Screw L/D Ratio	16.0:1.0 to 20.0:1.0	16.0:1.0 to 20.0:1.0
Screw Compression Ratio	2.0:1.0 to 2.5:1.0	2.0:1.0 to 2.5:1.0
Vent Depth	1.0E-3 in	0.025 mm

Injection Notes

Santoprene TPV is incompatible with acetal and PVC. For more information regarding processing and mold design, please consult our Injection Molding Guide.

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**ExxonMobil Chemical Santoprene™ 8271-65**  
**Thermoplastic Vulcanizate**

Aging	Typical Value (English)	Typical Value (SI)	Test Based On
Change in Tensile Strength in Air 302°F (150°C), 168 hr	-1.0 %	-1.0 %	ASTM D573
Change in Tensile Strength in Air 302°F (150°C), 168 hr	-1.0 %	-1.0 %	ISO 188
Change in Ultimate Elongation in Air 302°F (150°C), 168 hr	-23 %	-23 %	ASTM D573
Change in Tensile Strain at Break in Air 302°F (150°C), 168 hr	-23 %	-23 %	ISO 188
Change in Durometer Hardness in Air Shore A, 302°F (150°C), 168 hr	3.0	3.0	ASTM D573
Change in Shore Hardness in Air Shore A, 302°F (150°C), 168 hr	3.0	3.0	ISO 188

Flammability	Typical Value (English)	Typical Value (SI)	Test Based On
Flame Rating			UL 94
0.0433 in (1.10 mm)	HB	HB	
0.118 in (3.00 mm)	HB	HB	

**Additional Information**

Values are for injection molded plaques, fan-gated, 102.0 mm x 152.0 mm x 2.0 mm (4.000" x 6.000" x 0.080").  
Tensile strength, elongation and tensile stress are measured across the flow direction - ISO type 1, ASTM die C.  
Compression set at 25% deflection.

**Legal Statement**

For detailed Product Stewardship information, please contact Customer Service.

This product, including the product name, shall not be used or tested in any medical application without the prior written acknowledgement of ExxonMobil Chemical as to the intended use.

**Processing Statement**

Desiccant drying for 3 hours at 80°C (180°F) can be performed if desired. Santoprene TPV has a wide temperature processing window from 175 to 230°C (350 to 450°F) and is incompatible with acetal and PVC. For more information, please consult our Material Safety Data Sheet, Injection Molding Guide and Extrusion Guide.

**Notes**

<sup>1</sup> Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete Country Availability.

**For additional technical, sales and order assistance:**

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