



RUBBER SHEETS

PHYSICAL PROPERTIES AND TECHNICAL INFORMATION

CODE
1532 60 N BIAN

TRADE NAME
Oil resistant white sheet food conta

VERS: **001**

POLYMER:

DATA: **05/09/2017**

NBR

CHARACTERISTICS	UNITS OF MEASURE	SPECIFICATIONS	VALUES	TOLERANCE
HARDNESS (H):	Sh.A3	ISO 7619	60	± 5
TENSILE STRENGTH (CR)	MPa	ISO 37 - 1	9	min.
ELONGATION AT BREAK (AR)	%	ISO 37 - 1	400	min.
TEAR STRENGTH	N/mm (.)	ISO 34 C	22	min.
ABRASION RESISTANCE	mm ³	ISO 4649		
SPECIFIC GRAVITY	g/cm ³	ISO 2781	1,30	± 0,03

AGEING	Δ H	Sh.A3		8	
In: Air	Δ CR	%	ISO 188	- 20	
For: 72 h	Δ AR	%		- 40	
At: 70 °C	Δ V	%			
AGEING	Δ H	Sh.A3		10	
In: IRM 901	Δ CR	%	ISO 1817		
For: 72 h	Δ AR	%			
At: 100 °C	Δ V	%		- 10	
AGEING	Δ H	Sh.A3		-10	
In: IRM 903	Δ CR	%	ISO 1817		
For: 72 h	Δ AR	%			
At: 100 °C	Δ V	%		+ 10	

WORKING TEMPERATURES					
In Air	°C	ISO 188	min:	- 20	max: + 100
In Oil	°C	ISO 1817	min:		max: +100
In Water	°C	ISO 1817	min:		max: +90

MAIN CHARACTERISTICS					
Elasticity	Compression	Abrasion	Flame	Fuels	Ozone
GOOD	GOOD	SUFFICIENT	SUFFICIENT	GOOD	SUFFICIENT

We supply a semi-finished product that can be used to make products suitable for contact with food.

The plate was tested by a third laboratory:

- in compliance with European Regulation RE1935 / 2004 and D.M. 21/03/1973 and further modifications, was found to be suitable for contact with all aqueous (non-acid) foods, acids and fats under the conditions reported in the attached test report
- in compliance with European Regulation RE1935 / 2004 and D.M. 21/03/1973 and further modifications, was found to be suitable for contact with all dry foods under the conditions reported in the attached test report
- in accordance with D.M. 174 dated 06/04/2004 and was found to be suitable for contact with drinking water under the conditions reported in the attached test report
- in compliance with FDA requirements was found to be suitable to FDA-CFR21-Parts 170 to 199-Item 177.2600 paragraphs (a), (b), (c), (d) for contact with dry food, (e) for contact with aqueous foods and (f) for contact with fatty foods as reported in the attached test report.

Tovo Gomma S.p.A. guarantees the compliance of the plate to the standards, laws and regulations above mentioned and the application of good manufacturing rules in the production phase.

The compliance of finished products, made with this semi-finished product (rubber sheet), must be ensured by the customer, after the execution of the



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required tests, carried out directly on the products.

Questa scheda tecnica è stata redatta con la massima cura ed è il risultato di molte prove normate effettuate presso il nostro laboratorio. Non garantiamo che gli stessi tests effettuati in altri laboratori alle medesime condizioni diano gli stessi risultati.