



RUBBER SHEETS

PHYSICAL PROPERTIES AND TECHNICAL INFORMATION

CODE	TRADE NAME
1532 Bianca	Oil resistant white sheet food contact*

POLYMER: NBR	APPLICATION Oil resistant
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CHARACTERISTICS	UNITS OF MEASURE	SPECIFICATIONS	VALUES	TOLERANCE
HARDNESS (H):	Sh.A3	ASTM D 2240	60	± 5
TENSILE STRENGTH (CR)	MPa	ASTM D 412C	10	min.
ELONGATION AT BREAK (AR)	%	ASTM D 412C	450	min.
TEAR STRENGTH	N/mm (.)	ASTM D 624B	22	min.
ABRASION RESISTANCE	mm ³	DIN 53516		
SPECIFIC GRAVITY	g/cm ³	DIN 53479	1,30	± 0,03

AGEING	Δ H	Sh.A3		8
In: Air	Δ CR	%	ASTM D 573	- 20
For: 72 h	Δ AR	%		- 40
At: 70 °C	Δ V	%		

AGEING	Δ H	Sh.A3		10
In: IRM 901	Δ CR	%	ASTM D 471	
For: 72 h	Δ AR	%		
At: 100 °C	Δ V	%		- 10

AGEING	Δ H	Sh.A3		-10
In: IRM 903	Δ CR	%	ASTM D 471	
For: 72 h	Δ AR	%		
At: 100 °C	Δ V	%		+ 10

WORKING TEMPERATURES							
In Air	°C	ASTM D 573	min:	- 20	max:	+ 100	
In Oil	°C	ASTM D 471	min:		max:	+100	
In Water	°C	ASTM D 471	min:		max:	+90	

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

This data sheet has been issued with the greatest care and it is the result of several proofs made in our laboratory, according to specific norms.

We don't ensure that the same tests carried out in other laboratories at the same conditions can give the same results.

* On the basis of the test report, it is certified that the compound complies with the requirements of FDA - CFR 21 - Parts 170 to 199 - Item 177.2600 (e) and (f), therefore the rubber compound is suitable for contact with aqueous and fat foods.