



RUBBER SHEETS

PHYSICAL PROPERTIES AND TECHNICAL INFORMATION

CODE	TRADE NAME
6000	Fluorinated sheet

POLYMER: FKM	APPLICATION Fluorinated
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CHARACTERISTICS	UNITS OF MEASURE	SPECIFICATIONS	VALUES	TOLERANCE
HARDNESS (H):	Sh.A3	ASTM D 2240	75	± 5
TENSILE STRENGTH (CR)	MPa	ASTM D 412C	6	min.
ELONGATION AT BREAK (AR)	%	ASTM D 412C	270	min.
TEAR STRENGTH	N/mm (.)	ASTM D 624B	20	min.
ABRASION RESISTANCE	mm ³	DIN 53516		
SPECIFIC GRAVITY	g/cm ³	DIN 53479	1,90	± 0,03

AGEING	Δ H	Sh.A3		3
In: Air	Δ CR	%	ASTM D 573	- 10
For: 72 h	Δ AR	%		- 20
At: 200 °C	Δ V	%		

AGEING	Δ H	Sh.A3		
In: Ozone	Δ CR	%	ASTM D 1149	OK
For: 70 h	Δ AR	%		
At: 30 °C- 100 pphm- all. 50	Δ V	%		

AGEING	Δ H	Sh.A3		-10
In: IRM 903	Δ CR	%	ASTM D 471	
For: 72 h	Δ AR	%		
At: 150 °C	Δ V	%		+ 10

WORKING TEMPERATURES							
In Air	°C	ASTM D 573	min:	- 10	max:	+ 200	
In Oil	°C	ASTM D 471	min:		max:	+150	
In Water	°C	ASTM D 471	min:		max:	+100	

MAIN CHARACTERISTICS					
Elasticity	Compression	Abrasion	Flame	Fuels	Ozone
UNSUITABLE	EXCELLENT	POOR	EXCELLENT	EXCELLENT	EXCELLENT

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. The total extractives in the simulator of foods meet the FDA Specifications CFR 21 - Parts 170 to 199 - Item 177.2600 (e) and (f), therefore the rubber compound is suitable to come into contact with aqueous and fatty foods.