



RUBBER SHEETS

PHYSICAL PROPERTIES AND TECHNICAL INFORMATION

CODE

6000

TRADE NAME

Fluorinated sheet

POLYMER:

FKM (VITON)

APPLICATION

Fluorinated

CHARACTERISTICS	UNITS OF MEASURE	SPECIFICATIONS	VALUES	TOLERANCE
HARDNESS (H):	Sh.A3	ASTM D 2240	75	± 5
TENSILE STRENGTH (CR)	MPa	ASTM D 412C	7	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	ASTM D 573	3		
In: Air	Δ CR	%		- 10		
For: 72 h	Δ AR	%		- 20		
At: 200 °C	Δ V	%				
AGEING	Δ H	Sh.A3	ASTM D 1149			
In: Ozone	Δ CR	%		OK		
For: 70 h	Δ AR	%				
At: 30 °C- 100 pphm- all. 50	Δ V	%				
AGEING	Δ H	Sh.A3	ASTM D 471	-10		
In: IRM 903	Δ CR	%				
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.