



RUBBER SHEETS

PHYSICAL PROPERTIES AND TECHNICAL INFORMATION

CODE

4270 P

TRADE NAME

Peroxide EPDM Sheet for food contact

POLYMER:

EPDM

APPLICATION

Ethylene-propylene

CHARACTERISTICS	UNITS OF MEASURE	SPECIFICATIONS	VALUES	TOLERANCE
HARDNESS (H):	Sh.A3	ASTM D 2240	73	± 5
TENSILE STRENGTH (CR)	MPa	ASTM D 412C	14	min.
ELONGATION AT BREAK (AR)	%	ASTM D 412C	150	min.
TEAR STRENGTH	N/mm (.)	ASTM D 624B	20	min.
ABRASION RESISTANCE	mm ³	DIN 53516		
SPECIFIC GRAVITY	g/cm ³	DIN 53479	1,08	± 0,03

AGEING	Δ H	Sh.A3		5
In: Air	Δ CR	%	ASTM D 573	- 20
For: 72 h	Δ AR	%		- 40
At: 100 °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		-5
In: Water	Δ CR	%	ASTM D 471	
For: 72 h	Δ AR	%		
At: 50 °C	Δ V	%		+ 5

WORKING TEMPERATURES					
In Air	°C	ASTM D 573	min:	- 30	max: + 120
In Oil	°C	ASTM D 471	min:		max:
In Water	°C	ASTM D 471	min:		max: +100

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