



RUBBER SHEETS

PHYSICAL PROPERTIES AND TECHNICAL INFORMATION

CODE

EPDM EC

TRADE NAME

Economic EPDM sheet 70 ShA

POLYMER:

EPDM/SBR

APPLICATION

Ethylene-propylene

CHARACTERISTICS	UNITS OF MEASURE	SPECIFICATIONS	VALUES	TOLERANCE
HARDNESS (H):	Sh.A3	ASTM D 2240	70	± 5
TENSILE STRENGTH (CR)	MPa	ASTM D 412C	5	min.
ELONGATION AT BREAK (AR)	%	ASTM D 412C	250	min.
TEAR STRENGTH	N/mm (.)	ASTM D 624B	15	min.
ABRASION RESISTANCE	mm ³	DIN 53516		
SPECIFIC GRAVITY	g/cm ³	DIN 53479	1,33	± 0,03

AGEING	Δ H	Sh.A3		8
In: Air	Δ CR	%	ASTM D 573	- 30
For: 72 h	Δ AR	%		- 40
At: 70 °C	Δ V	%		
AGEING	Δ H	Sh.A3		-6
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:	- 20	max:	+ 70
In Oil	°C	ASTM D 471	min:		max:	
In Water	°C	ASTM D 471	min:		max:	+80

MAIN CHARACTERISTICS

Elasticity	Compression	Abrasion	Flame	Fuels	Ozone
GOOD/POOR	GOOD/POOR	POOR	POOR	UNSUITABLE	GOOD

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.