



RUBBER SHEETS

PHYSICAL PROPERTIES AND TECHNICAL INFORMATION

CODE	TRADE NAME
2004	Sheet for transformer oil

POLYMER: NBR	APPLICATION Oil resistant
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CHARACTERISTICS	UNITS OF MEASURE	SPECIFICATIONS	VALUES	TOLERANCE
HARDNESS (H):	Sh.A3	ASTM D 2240	68	± 5
TENSILE STRENGTH (CR)	MPa	ASTM D 412C	13	min.
ELONGATION AT BREAK (AR)	%	ASTM D 412C	300	min.
TEAR STRENGTH	N/mm (.)	ASTM D 624B	45	min.
ABRASION RESISTANCE	mm ³	DIN 53516		
SPECIFIC GRAVITY	g/cm ³	DIN 53479	1,26	± 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		-10
In: IRM 903	Δ CR	%	ASTM D 471	
For: 72 h	Δ AR	%		
At: 100 °C	Δ V	%		10
AGEING	Δ H	Sh.A3		-4
In: Trarf Oil	Δ CR	%	ASTM D 471	
For: 72 h	Δ AR	%		
At: 23 °C	Δ V	%		+ 4
AGEING	Δ H	Sh.A3		-7
In: Trarf Oil	Δ CR	%	ASTM D 471	
For: 72 h	Δ AR	%		
At: 100 °C	Δ V	%		+ 7

WORKING TEMPERATURES						
In Air	°C	ASTM D 573	min:	- 25	max:	+ 120
In Oil	°C	ASTM D 471	min:		max:	+120
In Water	°C	ASTM D 471	min:		max:	+90

MAIN CHARACTERISTICS					
Elasticity	Compression	Abrasion	Flame	Fuels	Ozone
GOOD/POOR	EXCELLENT	GOOD	POOR	POOR	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.