



RUBBER SHEETS

PHYSICAL PROPERTIES AND TECHNICAL INFORMATION

CODE	TRADE NAME
2800 85	Hydrogenated NBR sheet 85 ShA

POLYMER: HNBR	APPLICATION Oil resistant
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CHARACTERISTICS	UNITS OF MEASURE	SPECIFICATIONS	VALUES	TOLERANCE
HARDNESS (H):	Sh.A3	ASTM D 2240	85	± 5
TENSILE STRENGTH (CR)	MPa	ASTM D 412C	18	min.
ELONGATION AT BREAK (AR)	%	ASTM D 412C	150	min.
TEAR STRENGTH	N/mm (.)	ASTM D 624B	45	min.
ABRASION RESISTANCE	mm ³	DIN 53516		
SPECIFIC GRAVITY	g/cm ³	DIN 53479	1,25	± 0,03

AGEING	Δ H	Sh.A3		4
In: Air	Δ CR	%	ASTM D 573	- 10
For: 72 h	Δ AR	%		- 20
At: 150 °C	Δ V	%		

AGEING	Δ H	Sh.A3		10
In: IRM 901	Δ CR	%	ASTM D 471	
For: 72 h	Δ AR	%		
At: 150 °C	Δ V	%		- 10

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:	- 20	max:	+ 150	
In Oil	°C	ASTM D 471	min:		max:	+140	
In Water	°C	ASTM D 471	min:		max:	+100	

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