



RUBBER SHEETS

PHYSICAL PROPERTIES AND TECHNICAL INFORMATION

CODE
2800 85

TRADE NAME
Nitrile hydrogenated sheet 85 ShA3

VERS: **001**

POLYMER:
HNBR

DATA: **06/09/2017**

CHARACTERISTICS	UNITS OF MEASURE	SPECIFICATIONS	VALUES	TOLERANCE
HARDNESS (H):	Sh.A3	ISO 7619	85	± 5
TENSILE STRENGTH (CR)	MPa	ISO 37 - 1	18	min.
ELONGATION AT BREAK (AR)	%	ISO 37 - 1	150	min.
TEAR STRENGTH	N/mm (.)	ISO 34 C	45	min.
ABRASION RESISTANCE	mm ³	ISO 4649		
SPECIFIC GRAVITY	g/cm ³	ISO 2781	1,25	± 0,03

AGEING	Δ H	Sh.A3		4
In: Air	Δ CR	%	ISO 188	- 10
For: 72 h	Δ AR	%		- 20
At: 150 °C	Δ V	%		
AGEING	Δ H	Sh.A3		10
In: IRM 901	Δ CR	%	ISO 1817	
For: 72 h	Δ AR	%		
At: 150 °C	Δ V	%		- 10
AGEING	Δ H	Sh.A3		-10
In: IRM 903	Δ CR	%	ISO 1817	
For: 72 h	Δ AR	%		
At: 150 °C	Δ V	%		10

WORKING TEMPERATURES						
In Air	°C	ISO 188	min:	- 20	max:	+ 150
In Oil	°C	ISO 1817	min:		max:	+140
In Water	°C	DIN ISO 1817	min:		max:	+100

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



RUBBER SHEETS

PHYSICAL PROPERTIES AND TECHNICAL INFORMATION

CODE

2800 85

TRADE NAME

Nitrile hydrogenated sheet 85 ShA3

VERS: 001

POLYMER:

HNBR

DATA: 06/09/2017