

TECHNICAL DATA SHEET

NBR/SBR

Ref: 2999

DESCRIPTION:

70 SHORE COMMERCIAL NITRILE RUBBER SHEET
Color: BLACK

FEATURES:

APPLICATIONS:

Revision: 2

Date: February 2016

MECHANICAL AND CHEMICAL PROPERTIES

SPECIFIC WEIGHT (UNE 53526)	1,40 +/- 0,03	g/cm ³
HARDNESS (UNE-EN ISO 868)	65,0 +/- 5,0	°Sh A
TENSILE STRENGTH (UNE-ISO 37)	4,5 min	MPa
ELONGATION (UNE-ISO 37)	230,0 min	%
COMPRESSION SET(24h,70°C) (UNE-ISO 815-1)	35 Mean values	%
AGEING HARDNESS (72h/70°C) (UNE-EN ISO 868)	+10 Mean values	°Sh A
AGEING TENSILE STRENGTH (72h/70°C) (UNE-ISO 37)	+60 Mean values	%
WORKING TEMPERATURE	-20/+90	°C

CHEMICAL RESISTANCE

Ozone Resistance	Poor
Weather resistance	Poor
Oil Resistance	Good
Acid resistance	Not suitable
Base resistance	Moderate

PRODUCTION TOLERANCES (According to ISO 3302ST2 and ST3)

From 0,50 to 1,00 mm (included)	-0,20	+0,20
From 1,00 to 1,60 mm (included)	-0,25	+0,25
From 1,60 to 2,50 mm (included)	-0,35	+0,35
From 2m,50 to 4,00 mm (included)	-0,40	+0,40
From 4,00 to 6,30 mm (included)	-0,50	+0,50
From 6,30 to 10,00 mm (included)	-0,80	+0,80
From 16,00 to 60,00 (included) (1)	-7%	+7%
(1) For widths above 1.500 mm	-10%	+10%

This data sheet and all the information contained in it have been made to inform our customers in the best possible way. All values have been obtained from laboratory test samples following the mentioned standards. All the data, tests values and information is the result of many years of experience and trials and can only be seen as general information of our products, not being in any case to be considered as bonding in the responsibility IC may acquire. The user is responsible for evaluating the suitability of the product according to its specific requirements. Values may change without prior notice.