



## N85-B115

This TDS describes an approved NBR rubber compound with good mechanical characteristics and chemical resistance

This compound is intended for general production of static and dynamic gaskets

**HD SLIPPERS SRL certify that**

**N85-B115 meets the following approvals**

- Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 on materials and articles intended to come into contact with food and repealing Directives 80/590/EEC and 89/109/EEC (Official Journal L 338)

- Commission Regulation (EC) No 2023/2006 of 22 December 2006 on good manufacturing practice (GMP) for materials and articles intended to come into contact with food (Official Journal L 384)

- In line with Article 17 of Regulation (EC) No 1935/2004, the traceability of all materials and items brought into circulation is assured by means of an appropriate system.

- The compound meets the specifications of the positive list to 21 CFR 177.2600 "Rubber articles intended for repeated use" of the Food and Drug Administration (FDA), USA.

- 3-A Sanitary Standard Class II

**HD SLIPPERS SRL**  
**legal representative**





## N85-B115

PROPERTY	METHOD	UNITS	VALUE
Color			White
Specific gravity	DIN ISO 1183-1	g/cm <sup>3</sup>	1,38 ±0,03
Hardness	DIN ISO 7619-1	Sh.A	85 ±5
Tensile strength	DIN 53504	N/mm <sup>2</sup>	10,6
Elongation	DIN 53504	%	285,1
Modulus 100%	DIN 53504	N/mm <sup>2</sup>	5,8
Tear resistance	DIN ISO 34-1	N/mm	7,2
Service temperature (min-max)	/	°C	-22/+100
Compression set			
25% - 24 hrs at 70 °C	DIN ISO 815-1	%	11,0
25% - 24 hrs at 100 °C	DIN ISO 815-1	%	14,3

### CHEMICAL RESISTANCE GUIDELINE

R = Resistant		NR = Not Resistant	
Chemical group / Media	Rating	Chemical group / Media	Rating
Alcohols	R	Mineral/Vegetable Oils	R
Diesel	R	Ozone	NR
Gasoline	R	Steam	NR
HFA Fluid	R	Water up to 70 °C	R
HFB Fluid	R		
HFC Fluid	R		
HFD Fluid	NR		

The data and information contained in this note, while being the result of many years of experience, are only indicative. The company HD Slippers S.r.l. will not be responsible neither for the impact of use of such data, nor for any conflict with existing patents.

**This document is reachable at HD Slippers S.r.l.**