



## N85-N116



This TDS describes a Nitrile Butadiene NBR rubber compound with good mechanical characteristics and chemical resistance to the most common hydraulic fluid

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





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PROPERTY	METHOD	UNITS	VALUE
Color			Black
Specific gravity	DIN ISO 1183-1	g/cm <sup>3</sup>	1,31 ±0,03
Hardness	DIN ISO 7619-1	Sh.A	85 ±5
Tensile strength	DIN 53504	N/mm <sup>2</sup>	15,6
Elongation	DIN 53504	%	169
Modulus 100%	DIN 53504	N/mm <sup>2</sup>	12,7
Tear resistance	DIN ISO 34-1	N/mm	19,9
Service temperature (min-max)	/	°C	-25/+100
Compression set			
25% - 24 hrs at 70 °C	DIN ISO 815-1	%	6,2
25% - 24 hrs at 100 °C	DIN ISO 815-1	%	12,5

### CHEMICAL RESISTANCE GUIDELINE

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

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