



## H85-N120



This TDS describes an Hydrogenated acrylnitrile Butadiene HNBR 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 especially for highly addivated oils





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PROPERTY	METHOD	UNITS	VALUE
Color			Black
Specific gravity	DIN ISO 1183-1	g/cm <sup>3</sup>	1,23 ±0,03
Hardness	DIN ISO 7619-1	Sh.A	83 ±5
Tensile strength	DIN 53504	N/mm <sup>2</sup>	19,3
Elongation	DIN 53504	%	241,5
Modulus 100%	DIN 53504	N/mm <sup>2</sup>	9,5
Tear resistance	DIN ISO 34-1	N/mm	19,6
Service temperature (min-max)	/	°C	-25/+150
Compression set			
25% - 24 hrs at 70 °C	DIN ISO 815-1	%	15
25% - 24 hrs at 100 °C	DIN ISO 815-1	%	13,5
25% - 24 hrs at 150 °C	DIN ISO 815-1	%	22,1

### CHEMICAL RESISTANCE GUIDELINE

R = Resistant		NR = Not Resistant	
Chemical group / Media	Rating	Chemical group / Media	Rating
Air up to 80 °C	R	Mineral Oils	R
Alcohols	R	Vegetable Oils	R
Diesel	R	Ozone	R
HFA Fluid	R	Steam	NR
HFB Fluid	R	Water up to 90 °C	R
HFC Fluid	R		

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