



N90-N047



This TDS describes a standard NBR compound with good mechanical and chemical resistance

This compound is suitable for oils and lubricants sealing in hydraulic and pneumatic application





N90-N047

PROPERTY	METHOD	UNITS	VALUE
Color			Black
Specific gravity	ASTM D1817	g/cm ³	1,32±0,03
Hardness	ASTM D2240	Sh.A	90±5
Tensile strength	ASTM D412	N/mm ²	≥13
Elongation	ASTM D412	%	≥140
Service temperature (min-max)	/	°C	-25/+110
TR10	ASTM D1329	°C	-15
Compression set			
22 hrs at 100 °C	ASTM 395 B	%	11
70 hrs at 100 °C	ASTM 395 B	%	20

CHANGES OF PROPERTY AFTER AGEING IN FLUIDS

Medium	Time	Temp	Norm	Volume	Hardness	Tensile Strength	Elongation
/	hrs	°C	/	Δ %	Δ ShA	Δ %	Δ %
Air	70	100	ASTM D 573	-	+4	±2	-28
Water	70	100	ASTM D 471	+9	-4	-	-
ASTM Oil n° 1	70	100	ASTM D 471	-5	+4	±3	-28
IRM 903 Oil	70	100	ASTM D 471	+9	-5	-10	-24

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