



N70-N003



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





N70-N003

PROPERTY	METHOD	UNITS	VALUE
Color			Black
Specific gravity	ISO 2781 A	g/cm ³	1,25±0,03
Hardness	ASTM D2240	Sh.A	70±5
Tensile strength	ASTM D412	N/mm ²	≥15
Elongation	ASTM D412	%	≥330
Service temperature (min-max)	/	°C	-30/+120
TR10	ASTM D1329	°C	-27
Compression set			
22 hrs at 100 °C	ISO 815 A	%	8
70 hrs at 100 °C	ISO 815 A	%	11,7

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	ISO 188	-	+5	+10	-18
Air	70	125	ISO 188	-	+10	+15	-35
Water	70	100	ISO 1817	+6	-4	-2	-10
ASTM Oil n° 1	70	100	ISO 1817	-4,5	+6	+12	-22
ASTM Oil n° 1	70	150	ISO 1817	-5	+7	+5	-33
ASTM Oil n° 3	70	100	ISO 1817	+7	-7	+5	-13
ASTM Oil n° 3	70	150	ISO 1817	+9	-12	-12	-25
ASTM Fuel A	70	23	ISO 1817	+1	-1	-2	-5
ASTM Fuel B	70	23	ISO 1817	+30	-15	-45	-48

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