



H70-N040



This TDS describes a standard HNBR compound with good mechanical and chemical resistance, wider than standard non hydrogenated nitrile rubber

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





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PROPERTY	METHOD	UNITS	VALUE
Color			Black
Specific gravity	ASTM D1817	g/cm ³	1,25±0,03
Hardness	ASTM D2240	ShA	70±5
Tensile strength	ASTM D412	MPa	21
Elongation	ASTM D412	%	270
Service temperature (min-max)	/	°C	-30/+150
TR10	ASTM D1329	°C	-22
Compression set 22 hrs at 150 °C	ASTM D395 B	%	21,1

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	150	ASTM D 573	-2,7	+6	+3	-16
ASTM Oil n° 1	70	150	ASTM D 471	+2,5	-2,5	-6	-5
ASTM Oil n° 3	70	150	ASTM D 471	+0,1	+2	-8	-10

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