

Z240

HNBR 90 BLACK ED

REV. 2

General Application

Temperature Range

From -30°C
To 150°C

General Environmental Application

Coolant
Mineral Oils
Ozone
UV Rays
H2S

Compliances NORSOK M710

Note

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Disclaimer

Tests performed on test slabs. Temperatures, applications and indications are meant as basic suggestions and valid for static applications with no other specific media and or conditions.

PHYSICAL AND MECHANICAL PROPERTIES

Property	Test STD	Unit	Value
Density	ASTM D1817	g/cm ³	1,26 ± 0,03
Hardness	ISO 7619	ShA	90 ± 5
Tensile Strength	DIN 53504	N/mm ²	>29
Elongation	DIN 53504	%	>125
Tear resistance	ISO 34-1 B	N/mm	>53
TR 10	ASTM D 1329	°C	<-23
Brittle Point	ASTM D 2137	°C	<-30
C. Set 24h @150°C	ISO 815-1 A	%	<17
C. Set 70h @150°C	ISO 815-1 A	%	<31

AGEING PROPERTIES

Environment	Test STD	Unit	Value
---	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
	<i>Weigth</i>	%	
---	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
	<i>Weigth</i>	%	
---	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
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	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
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