

Z217

HNBR 70 BLACK

REV. 2

General Application Temperature Range

From -20°C
To 150°C

General Environmental Application

Coolant
Mineral Oils
Ozone
UV Rays
H2S

Compliances

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	DIN 53479	g/cm ³	1,21 ± 0,03
Hardness	DIN 53505	ShA	70 ± 5
Tensile Strength	DIN 53504	N/mm ²	>20
Elongation	DIN 53504	%	>300
Tear resistance	DIN 53515	N/mm	>59
TR 10	ASTM D1329	°C	<-15
Brittle Point	ASTM D2137	°C	<-54
C. Set 24h @150°C	DIN 53517	%	<30
C. Set 70h @150°C	DIN 53517	%	<30

AGEING PROPERTIES

Environment	Test STD	Unit	Value
Air 70h @150°C	DIN 53508		
	<i>Hardness Change</i>	ShA	+9
	<i>Tensile Strength</i>	%	20
	<i>Elongation</i>	%	335
	<i>Volume</i>	%	-3,7
---	DIN 53521		
	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
---	DIN53521		
	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	

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