

Z268

NBR 90 BLACK

REV. 2

General Application Temperature Range

From -30°C
To 120°C

General Environmental Application

Mineral Oils
Gas
UV Rays

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	1,30 ± 0,03
Hardness	DIN 53505	ShA	90 ± 5
Tensile Strength	ASTM 412C	N/mm ²	>16
Elongation	ASTM 412C	%	>195
Tear resistance	DIN 53515	N/mm	>51
TR 10	ASTM D1329	°C	<-23
Brittle Point		°C	<
C. Set 24h @100°C	DIN 53517	%	<14
C. Set 70h @100°C	ASTM D395B	%	<16

AGEING PROPERTIES

Environment	Test STD	Unit	Value
Air 70h @100°C	DIN 53508		
	<i>Hardness Change</i>	ShA	+2
	<i>Tensile Strength</i>	%	17,5
	<i>Elongation</i>	%	165
	<i>Volume</i>	%	-1,5
	<i>Weigth</i>	%	-1,2

	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
	<i>Weigth</i>	%	
Oil ASTM 1 70h @100°C	DIN 53521		
	<i>Hardness Change</i>	ShA	+1
	<i>Tensile Strength</i>	%	18,2
	<i>Elongation</i>	%	186
	<i>Volume</i>	%	-1
	<i>Weigth</i>	%	-1
Oil ASTM 3 70h @100°C	DIN 53521		
	<i>Hardness Change</i>	ShA	-10
	<i>Tensile Strength</i>	%	17
	<i>Elongation</i>	%	175
	<i>Volume</i>	%	10,5
	<i>Weigth</i>	%	10

