

Z066

NBR 70 BLACK FDA

REV. 2

General Application Temperature Range

From -30°C
To 120°C

General Environmental Application

Mineral Oils
Gas
UV Rays
Food

Compliances FDA cfr 21 WRAS (WRC) KTW (TZW) W270 (TZW) CLP / ACS

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	ISO 2781A	g/cm ³	1,26 ± 0,03
Hardness	ASTM D2240	ShA	70 ± 5
Tensile Strength	ISO 37	N/mm ²	>15
Elongation	ISO 37	%	>370
Tear resistance	ISO 34-1C	N/mm	>51
TR 10	ISO 2921	°C	<-22
Brittle Point	ISO 812	°C	<-20
C. Set 24h @100°C	ISO 815A	%	<13
C. Set 70h @100°C	ISO 815A	%	<20

AGEING PROPERTIES

Environment	Test STD	Unit	Value
Air 70h @100°C	ISO 188B		
	<i>Hardness Change</i>	ShA	+5
	<i>Tensile Strength</i>	%	+5
	<i>Elongation</i>	%	-22
	<i>Volume</i>	%	
	<i>Weigth</i>	%	

	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
	<i>Weigth</i>	%	
Oil ASTM 1 70h @100°C	ISO 1817		
	<i>Hardness Change</i>	ShA	+2
	<i>Tensile Strength</i>	%	-22
	<i>Elongation</i>	%	-25
	<i>Volume</i>	%	-3
	<i>Weigth</i>	%	
H2O 70h @100°C	ISO 1817		
	<i>Hardness Change</i>	ShA	-6
	<i>Tensile Strength</i>	%	-11
	<i>Elongation</i>	%	-8
	<i>Volume</i>	%	+8
	<i>Weigth</i>	%	

