

Z735

NBR 60 BLACK

REV. 2

General Application Temperature Range

From -20°C
To 110°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	ISO 2781 A	g/cm ³	1,25 ± 0,03
Hardness	ASTM D2240	ShA	60 ± 5
Tensile Strength	ISO 37	N/mm ²	>11
Elongation	ISO 37	%	>400
Tear resistance	ISO 34-1	N/mm	>29
TR 10		°C	<
Brittle Point		°C	<
C. Set 24h @100°C	ISO 815 A	%	<16
C. Set 70h @100°C		%	<

AGEING PROPERTIES

Environment	Test STD	Unit	Value
Air 70h @100°C	ISO 188		
	<i>Hardness Change</i>	ShA	+5
	<i>Tensile Strength</i>	%	+8
	<i>Elongation</i>	%	-18
	<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	+7
	<i>Tensile Strength</i>	%	+10
	<i>Elongation</i>	%	-19
	<i>Volume</i>	%	-6
	<i>Weigth</i>	%	
H2O 70h @100°C	ISO 1817		
	<i>Hardness Change</i>	ShA	-3
	<i>Tensile Strength</i>	%	-10
	<i>Elongation</i>	%	-10
	<i>Volume</i>	%	+5
	<i>Weigth</i>	%	

