

# Z736

## NBR 80 BLACK

Update 27 March 2019

### General Application

#### Temperature Range

From -20°C  
To 130°C

### General Environmental Application

Mineral Oils

Gas

UV Rays

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### Compliances

### Composition – IMDS Data

CAS n°	Qty %
9003-18-3	35-45
1333-86-4	50-60
1314-13-2	0-3
91082-17-6	1-4
137-26-8	0-3
n.a	3-4

### Note

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### Disclaimer

Temperatures, applications and indications here above 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 <sup>3</sup>	1,33 ± 0,03
Hardness	ISO 7619	ShA	80 ± 5
Tensile Strength	ISO 37	N/mm <sup>2</sup>	12,4
Elongation	ISO 37	%	273
Tear resistance	ASTM D624	N/mm	46
TR 10		°C	
Brittle Point		°C	
C. Set 24h @100°C	ISO 815A	%	10
C. Set 70h @100°C		%	

### AGEING PROPERTIES

Environment	Test STD	Unit	Value
Air 70h @100°C	ASTM D573		
	<i>Hardness Change</i>	ShA	+5
	<i>Tensile Strength</i>	%	+7,3
	<i>Elongation</i>	%	-25
	<i>Volume</i>	%	-2,5
	<i>Weigth</i>	%	-1,9
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---	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
	<i>Weigth</i>	%	
	H2O 70h @100°C	ASTM D471	
<i>Hardness Change</i>		ShA	+0
<i>Tensile Strength</i>		%	+8,9
<i>Elongation</i>		%	-21
<i>Volume</i>		%	+2,4
<i>Weigth</i>		%	+2,1
Oil ASTM 1 70h @100°C	ASTM D471		
	<i>Hardness Change</i>	ShA	-0,5
	<i>Tensile Strength</i>	%	+0,4
	<i>Elongation</i>	%	-23
	<i>Volume</i>	%	+3,9
	<i>Weigth</i>	%	+2,5

