

# Z736

## NBR 80 BLACK

REV. 2

### General Application Temperature Range

From -35°C  
To 130°C

### General Environmental Application

Mineral Oils  
Gas  
UV Rays  
---  
---

### Compliances

### Note

...

### 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 <sup>3</sup>	1,35 ± 0,03
Hardness	ISO 7619	ShA	80 ± 5
Tensile Strength	DIN 53504 S2	N/mm <sup>2</sup>	>12
Elongation	DIN 53504S2	%	>255
Tear resistance	ISO 34-1	N/mm	>50
TR 10	ASTM D1329	°C	<-26
Brittle Point		°C	<
C. Set 24h @100°C	ISO 815A	%	<11
C. Set 70h @100°C	ISO 815-1	%	<22

### AGEING PROPERTIES

Environment	Test STD	Unit	Value
Air 70h @100°C	ASTM D573		
	<i>Hardness Change</i>	ShA	+5
	<i>Tensile Strength</i>	%	+1
	<i>Elongation</i>	%	-27
	<i>Volume</i>	%	-1
	<i>Weigth</i>	%	-1
Air 70h @150°C	ASTM D573		
	<i>Hardness Change</i>	ShA	+15
	<i>Tensile Strength</i>	%	-18
	<i>Elongation</i>	%	-96
	<i>Volume</i>	%	-8
	<i>Weigth</i>	%	-5
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

