

# Z724

## NBR 70 BLACK

Update 27 March 2019

### General Application Temperature Range

From -25°C  
To 120°C

### General Environmental Application

Mineral Oils  
Gas  
UV Rays  
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### Compliances

### Composition – IMDS Data

CAS n°	Qty %
9003-18-3	45-55
1333-86-4	35-45
103-23-1	0-3
1314-13-2	0-3
137-26-8	0-3
471-34-1	0-3
n.a.	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>	1,27 ± 0,03
Hardness	ASTM D2240	ShA	70 ± 5
Tensile Strength	ISO 37	N/mm <sup>2</sup>	16
Elongation	ISO 37	%	400
Tear resistance	ISO 34-1C	N/mm	64
TR 10	ISO 2921	°C	-24
Brittle Point	ISO 812	°C	-26
C. Set 24h @100°C	ISO 815A	%	14
C. Set 70h @100°C	ISO 815A	%	22

### AGEING PROPERTIES

Environment	Test STD	Unit	Value
Air 70h @100°C	ISO 188B		
	<i>Hardness Change</i>	ShA	+5
	<i>Tensile Strength</i>	%	+13
	<i>Elongation</i>	%	-20
	<i>Volume</i>	%	
	<i>Weigth</i>	%	
Air 70h @125°C	ISO 188B		
	<i>Hardness Change</i>	ShA	+8
	<i>Tensile Strength</i>	%	+20
	<i>Elongation</i>	%	-38
	<i>Volume</i>	%	
	<i>Weigth</i>	%	
Oil ASTM 1 70h @100°C	ISO 1817		
	<i>Hardness Change</i>	ShA	+6
	<i>Tensile Strength</i>	%	+18
	<i>Elongation</i>	%	-20
	<i>Volume</i>	%	-4,5
	<i>Weigth</i>	%	
Oil ASTM 3 70h @100°C	ISO 1817		
	<i>Hardness Change</i>	ShA	-7
	<i>Tensile Strength</i>	%	+2
	<i>Elongation</i>	%	-15
	<i>Volume</i>	%	+7
	<i>Weigth</i>	%	

