

Z100

EPDM 80 BLACK

Update 26 March 2019

General Application Temperature Range

From -40°C
To 110°C

General Environmental Application

Water
Ozone
UV Rays

Compliances

Composition – IMDS Data

CAS n°	Qty %
25038-36-2	30-40
1333-86-4	40-50
64742-65-0	13-18
1314-13-2	1-4
7704-34-9	0-3
n.a.	2,5

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	DIN 53479	g/cm ³	1,17 ± 0,03
Hardness	DIN 53505	ShA	80 ± 5
Tensile Strength	DIN 53504	N/mm ²	14,5
Elongation	DIN 53504	%	240
Tear resistance	DIN 53515	N/mm	50
TR 10	ASTM D2137	°C	-45
Brittle Point		°C	
C. Set 24h @100°C		%	
C. Set 70h @100°C	ISO 815-1A	%	28

AGEING PROPERTIES

Environment	Test STD	Unit	Value
Air 70h @100°C	DIN 53508		
	<i>Hardness Change</i>	ShA	+2,5
	<i>Tensile Strength</i>	%	+2,7
	<i>Elongation</i>	%	-15,7
	<i>Volume</i>	%	-1,5
	<i>Weigth</i>	%	-0,9

	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
	<i>Weigth</i>	%	

	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
	<i>Weigth</i>	%	

	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
	<i>Weigth</i>	%	

