

Z101

EPDM 80 BLACK PEROX

Update 26 March 2019

General Application Temperature Range

From -40°C
To 150°C

General Environmental Application

Steam
Water
Coolant

Compliances

Composition – IMDS Data

CAS n°	Qty %

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	1,18 ± 0,03
Hardness	DIN 53505	ShA	80 ± 5
Tensile Strength	DIN 53504	N/mm ²	15,6
Elongation	DIN 53504	%	175
Tear resistance	DIN 53515	N/mm	33
TR 10	ASTM D1329	°C	-35
Brittle Point	ASTM D2137	°C	-65
C. Set 24h @150°C	DIN 53517	%	10
C. Set 70h @100°C		%	

AGEING PROPERTIES

Environment	Test STD	Unit	Value
Air 70h @150°C	DIN 53508		
	<i>Hardness Change</i>	ShA	+1
	<i>Tensile Strength</i>	%	+14
	<i>Elongation</i>	%	+150
	<i>Volume</i>	%	-0,9
	<i>Weight</i>	%	-0,7

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

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

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

