

Z186

EPDM 70 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 %
25038-36-2	40-50
1333-86-4	30-40
471-34-1	1-4
1314-13-2	2-5
64741-95-3	3-6
80-43-3	2-5
n.a.	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	ISO 2781A	g/cm ³	1,18 ± 0,03
Hardness	ASTM D2240	ShA	70 ± 5
Tensile Strength	ISO 37	N/mm ²	12
Elongation	ISO 37	%	204
Tear resistance	DIN 53515	N/mm	27
TR 10	ASTM D1329	°C	-41
Brittle Point		°C	
C. Set 24h @150°C	ISO 815A	%	11
C. Set 70h @150°C	ISO 815A	%	19

AGEING PROPERTIES

Environment	Test STD	Unit	Value
Air 70h @150°C	ISO 188		
	<i>Hardness Change</i>	ShA	+3
	<i>Tensile Strength</i>	%	+3
	<i>Elongation</i>	%	-5,6
	<i>Volume</i>	%	-3
	<i>Weight</i>	%	-2,5

	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
	<i>Weight</i>	%	
H2O 70h @100°C	ISO 1817		
	<i>Hardness Change</i>	ShA	-3
	<i>Tensile Strength</i>	%	-1
	<i>Elongation</i>	%	+5
	<i>Volume</i>	%	+2,5
	<i>Weight</i>	%	+2

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

