

# Z186

## EPDM 70 BLACK PEROX

REV. 2

### General Application Temperature Range

From -40°C  
To 150°C

### General Environmental Application

Steam  
Water  
Coolant  
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### Compliances

### Note

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### 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	ISO 2781A	g/cm <sup>3</sup>	1,18 ± 0,03
Hardness	ISO 7619	ShA	70 ± 5
Tensile Strength	DIN 53504 S2	N/mm <sup>2</sup>	>12
Elongation	DIN 5304 S2	%	>170
Tear resistance	DIN 53515	N/mm	>30
TR 10	ASTM D1329	°C	<-42
Brittle Point		°C	<
C. Set 24h @150°C	ISO 815A	%	<12
C. Set 70h @150°C	ISO 815A	%	<20

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

