

Z302

FEPM 90 BLACK

AFLAS®

REV. 02

General Application

Temperature Range

From 0°C
To 200°C

General Environmental Application

Steam

H2S

Compliances

Composition – IMDS Data

CAS n°	Qty %

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	DIN 53479	g/cm ³	1,62 ± 0,03
Hardness	DIN 53505	ShA	90 ± 5
Tensile Strength	DIN 53504	N/mm ²	>12
Elongation	DIN 53504	%	>170
Tear resistance	DIN 53515	N/mm	>30
TR 10	ASTM D1329	°C	<2
Brittle Point	ASTM D1329	°C	<0
C. Set 24h @200°C	ISO 815-1 A	%	<43
C. Set 70h @200°C	ISO 815-1 A	%	<59

AGEING PROPERTIES

Environment	Test STD	Unit	Value
Air 70h @200°C	ASTM D573		
	<i>Hardness Change</i>	ShA	+2,8
	<i>Tensile Strength</i>	%	+0,5
	<i>Elongation</i>	%	-27,2
	<i>Volume</i>	%	-2,4
	<i>Weight</i>	%	-1,1

	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
	<i>Weight</i>	%	
Oil ASTM 3 70h @150°C	ASTM D471		
	<i>Hardness Change</i>	ShA	-6,4
	<i>Tensile Strength</i>	%	-14,7
	<i>Elongation</i>	%	-12,5
	<i>Volume</i>	%	+11,5
	<i>Weight</i>	%	+6,7
H2O 70h @100°C	ASTM D471		
	<i>Hardness Change</i>	ShA	-3
	<i>Tensile Strength</i>	%	-21,1
	<i>Elongation</i>	%	-9
	<i>Volume</i>	%	+3,7
	<i>Weight</i>	%	+2,4

