

# Z301

## FEPM 75 BLACK

### AFLAS®

REV. 02

#### General Application

#### Temperature Range

From -10°C  
To 200°C

#### General Environmental Application

Steam

H2S

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#### 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 <sup>3</sup>	1,54 ± 0,03
Hardness	DIN 53505	ShA	75 ± 5
Tensile Strength	DIN 53504	N/mm <sup>2</sup>	>14
Elongation	DIN 53504	%	>225
Tear resistance	DIN 53515	N/mm	>34
TR 10	ASTM D1329	°C	<2
Brittle Point	ASTM D2137	°C	<-10
C. Set 24h @200°C	ISO 815-1 A	%	<28
C. Set 70h @200°C	ISO 815-1 A	%	<42

#### AGEING PROPERTIES

Environment	Test STD	Unit	Value
Air 70h @200°C	ASTM D 573		
	Hardness Change	ShA	+1,7
	Tensile Strength	%	+5,5
	Elongation	%	-6,4
	Volume	%	-1,3
	Weight	%	-0,4
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	Hardness Change	ShA	
	Tensile Strength	%	
	Elongation	%	
	Volume	%	
	Weight	%	
Oil ASTM 3 70h @150°C	ASTM D 471		
	Hardness Change	ShA	-7,9
	Tensile Strength	%	-12,6
	Elongation	%	-2,8
	Volume	%	+14,1
	Weight	%	+8,2
H2O 70h @100°C	ASTM D 471		
	Hardness Change	ShA	-5
	Tensile Strength	%	-0,9
	Elongation	%	+3,1
	Volume	%	+1,6
	Weight	%	+1,2

