

# 177501301

## FEPM 75 Black

Rev. 04

### General Application Temperature Range

From -10°C  
To +200°C

### General Environmental

#### Application

Coolant  
Mineral Oils  
Ozone  
UV Rays  
H2S

#### Curing System

Peroxide

#### Compliances Note

#### Note

Changed Compression  
Set for 72h data

#### 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 PROPRIETIES

Property	Test STD	Unit	Value
Density	ISO 2781	g/cm <sup>3</sup>	1.63 ± 0.03
Hardness	ISO 7619-1	Shore A	75 ± 5
Tensile Strength	ISO 37	N/mm <sup>2</sup>	> 14
Elongation	ISO 37	%	> 135

### LOW TEMPERATURE RESISTANCE

Property	Test STD	Unit	Value
TR10	ASTM D1329	°C	< -1

### COMPRESSION SET TESTS

Parameters	Test STD	Unit	Value
24h @ 200°C	ISO 815-A	%	< 18
72h @ 200°C	ISO 815-A	%	< 25

### AGEING PROPERTIES

#### Heat Aging - 168h @200°C

Standard: ISO 188

Properties	Unit	Value
Hardness	Shore A	+ 8.0
Tensile Strength	%	+ 12.0
Elongation	%	- 28.0
Volume	%	
Weight	%	

#### Steam - 168h @200°C

Standard: ISO 1817

Properties	Unit	Value
Hardness	Shore A	- 9.0
Tensile Strength	%	- 9.5
Elongation	%	+ 13.5
Volume	%	+ 9.0
Weight	%	+ 6.0

#### Water - 168h @100°C

Standard: ISO 1817

Properties	Unit	Value
Hardness	Shore A	- 9.0
Tensile Strength	%	- 6.5
Elongation	%	- 1.0
Volume	%	+ 13.5
Weight	%	+ 8.5

Standard:

Properties	Unit	Value
Hardness	Shore A	
Tensile Strength	%	
Elongation	%	
Volume	%	
Weight	%	

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