

Z603

FKM 80 BLACK PFLT

REV. 2

General Application

Temperature Range

From -30°C
To 220°C

General Environmental Application

Chemicals
Hydrocarbons
Low Temperatures

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	ASTM D297	g/cm ³	1,92 ± 0,03
Hardness	ASTM D2240	ShA	80 ± 5
Tensile Strength	ASTM D412	N/mm ²	>12
Elongation	ASTM D412	%	>140
Tear resistance		N/mm	>
TR 10	ASTM D1329	°C	<-24
Brittle Point		°C	<
C. Set 24h @200°C	ASTM D395B	%	<16
C. Set 70h @200°C		%	<

AGEING PROPERTIES

Environment	Test STD	Unit	Value
Air 70h @225°C	ASTM D573		
	<i>Hardness Change</i>	ShA	+1,5
	<i>Tensile Strength</i>	%	-15
	<i>Elongation</i>	%	+13
	<i>Volume</i>	%	
	<i>Weight</i>	%	

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

Fuel ASTM C 70h @23°C	ASTM D471		
	<i>Hardness Change</i>	ShA	-3
	<i>Tensile Strength</i>	%	-14
	<i>Elongation</i>	%	-15
	<i>Volume</i>	%	+2,9
	<i>Weight</i>	%	

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

