

# Z602

## FKM 80 BLACK PLT

REV. 2

### General Application

#### Temperature Range

From -35°C  
To 220°C

### General Environmental Application

Chemicals  
Hydrocarbons  
Low Temperatures

---

---

### Compliances

### Note

...

### 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 D1817	g/cm <sup>3</sup>	1,80 ± 0,03
Hardness	ASTM D2240	ShA	80 ± 5
Tensile Strength	DIN 53504 S2	N/mm <sup>2</sup>	>9
Elongation	DIN 53504 S2	%	>190
Tear resistance	ASTM D624B	N/mm	>22
TR 10	ASTM D1329	°C	<-30
Brittle Point		°C	<
C. Set 24h @200°C	ASTM D395B	%	<20
C. Set 70h @200°C		%	<

### AGEING PROPERTIES

Environment	Test STD	Unit	Value
Air 70h @200°C	ASTM D-573		
	<i>Hardness Change</i>	ShA	+1
	<i>Tensile Strength</i>	%	-12
	<i>Elongation</i>	%	+4
	<i>Volume</i>	%	
	<i>Weight</i>	%	
---			
	<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	-5
	<i>Tensile Strength</i>	%	-15
	<i>Elongation</i>	%	0
	<i>Volume</i>	%	+1,4
	<i>Weight</i>	%	
Fuel ASTM C 70h @23°C	ASTM D-471		
	<i>Hardness Change</i>	ShA	-3
	<i>Tensile Strength</i>	%	-24
	<i>Elongation</i>	%	-10
	<i>Volume</i>	%	+4,4
	<i>Weight</i>	%	

