

# Z604

## FKM 90 BLACK PLT

Update 27 March 2019

### General Application Temperature Range

From -30°C  
To 220°C

### General Environmental Application

Chemicals  
Hydrocarbons  
Low Temperatures

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### Compliances

### Composition – IMDS Data

CAS n°	Qty %
56357-87-0	47-58
1333-86-4	25-27
7727-43-7	1-3
68855-54-9	10-13
471-34-1	1-3
78-63-7	0-1
1025-15-6	1-2
1314-13-2	1-2
9002-88-4	0-1
112-92-5	0-1
124-30-1	0-1

### Note

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### Disclaimer

Temperatures, applications and indications here above 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 <sup>3</sup>	1,87 ± 0,03
Hardness	ASTM D2240	ShA	90 ± 5
Tensile Strength	ASTM D412	N/mm <sup>2</sup>	17
Elongation	ASTM D412	%	130
Tear resistance		N/mm	
TR 10	ASTM D1329	°C	-30
Brittle Point		°C	
C. Set 24h @200°C		%	
C. Set 70h @200°C	ISO 815A	%	32

### AGEING PROPERTIES

Environment	Test STD	Unit	Value
Air 70h @250°C	ISO 188B		
	<i>Hardness Change</i>	ShA	+2
	<i>Tensile Strength</i>	%	-8
	<i>Elongation</i>	%	-15
	<i>Volume</i>	%	
	<i>Weight</i>	%	
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	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
	<i>Weight</i>	%	
	Fuel ASTM C 70h @23°CISO 1817		
<i>Hardness Change</i>		ShA	-5
<i>Tensile Strength</i>		%	
<i>Elongation</i>		%	
<i>Volume</i>		%	
<i>Weight</i>		%	
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	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
	<i>Weight</i>	%	

