

# Z667

## FKM 90 BLACK PLT

### AED

REV. 03

#### General Application

#### Temperature Range

From -35°C  
To 220°C

#### General Environmental Application

Chemicals  
Hydrocarbons  
Low Temperatures

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#### Compliances

#### NORSOK M710

#### HYDROGEN

**COMPATIBILITY** according to SAEJ2600, clause 5.5.3

#### 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 <sup>3</sup>	1,84 ± 0,03
Hardness	ASTM D2240	ShA	90 ± 5
Tensile Strength	ASTM D412	N/mm <sup>2</sup>	>17
Elongation	ASTM D412	%	>110
Tear resistance		N/mm	>
TR 10	ASTM D1329	°C	<-30
Brittle Point		°C	<
C. Set 24h @200°C	ASTM D 395 B	%	<13
C. Set 70h @200°C		%	<33

#### AGEING PROPERTIES

Environment	Test STD	Unit	Value
Air 70h @200°C	ASTM D-573		
	Hardness Change	ShA	+1
	Tensile Strength	%	-16
	Elongation	%	-16
	Volume	%	
	Weight	%	
Air 70h @250°C	ASTM D-573		
	Hardness Change	ShA	+2
	Tensile Strength	%	
	Elongation	%	
	Volume	%	
	Weight	%	
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	Hardness Change	ShA	
	Tensile Strength	%	
	Elongation	%	
	Volume	%	
	Weight	%	
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	Hardness Change	ShA	
	Tensile Strength	%	
	Elongation	%	
	Volume	%	
	Weight	%	

