

Description: Cords, Hoses ZruElast® FPM 75

Elastomer: FPM, Copolymer, 66 % F  
 Colour: black

**Curing conditions:**

Strip/ring: Normed strip S 2                      Post Cure: 10h/220 °C  
 Temperature: 160 °C  
 Time: 20 min

Tensile strength	<b>10</b>	N/mm <sup>2</sup>	DIN 53504, tolerance ± 25%
Elongation at break	<b>200</b>	%	DIN 53504, tolerance ± 35%
Hardness Shore A	<b>77</b>	Shore A	DIN ISO 7619-1, tolerance ± 5
Specific weight	<b>1,82</b>	g/cm <sup>3</sup>	DIN EN ISO 1183, tolerance ± 0,05

Compression-Set	<b>21</b>	%	DIN ISO 815-1
	Temperature: 200	°C	tolerance ± 25%
	Time: 22	h	

Fluid resistance	Fluid:	<b>IRM 903</b>	<b>Toluol</b>	<b>Midel 7131</b>	
	Temperature:	150	23	120	°C
	Time:	72	72	168	h
	Standard:	DIN ISO 1871	DIN ISO 1871	DIN ISO 1871	
Weight change		<b>+4</b>	<b>2</b>	<b>2</b>	%
Volume change		<b>+2</b>	<b>+9</b>	<b>4</b>	%
Hardness change		<b>0</b>		<b>-3</b>	Shore A
Tensile strength change					%
Elongation at break change					%

**General properties:**

Temperature resistance: -20 °C to 200 °C  
 Shorttime peak temperature: 300 °C  
 Oil resistance: excellent  
 Gasoline resistance: excellent  
 Chemical resistance: excellent  
 Weathering resistance: excellent  
 Ozon resistance: excellent

More information at [www.zrunek.at](http://www.zrunek.at) - download



Other features: low gas permeability, not flammable in own flame  
 hot water and steam sensitive; sensitive to the effect of amines,  
 poor low temperature flexibility

Categories: excellent - very good - good - poor - not recommended

Date: 25.3.2020

**Please take note of DIN 7716 when storing rubber parts!**

Important note: Our reports are based on measurements carried out on standard test specimens in the laboratory. Data for finished parts may differ from the above values, depending on the manufacturing process and the geometry of the part. All technical data given here is based on characteristic output values and these do not replace agreements of specific quality characteristics made on orders of ZruElast products. Zrunek therefore does not guarantee that special orders correspond with the general information and specifications listed in this data sheet. Only Zrunek's conditions of sale and delivery (available from [www.zrunek.at](http://www.zrunek.at) - terms + conditions) shall be valid in respect of all products supplied by us.