



# FPM ED

Fluor rubber

Standard colour: black

- Against explosive decompression
- Resistant to mineral oil, HFD-U, HETG=biological base, acid oils and gases, cold water
- Applicable for Rod and Piston Seals, Wiper seals, Rotary Seals and Static Seals

Properties	Value	Unit	DIN Standard
<b>Hardness</b>	88 ± 5	Shore A	DIN 53505
<b>Density</b>	1,862	g/cm <sup>3</sup>	DIN EN ISO 1183-1
<b>Compression set 150°C/24h</b>	-	%	DIN ISO 815-1
<b>Compression set 175°C/22h</b>	42,2	%	DIN ISO 815-1
<b>Elongation at break</b>	279	%	DIN 53504
<b>Tensile strength</b>	13,0	MPa	DIN 53504
<b>100 % modulus</b>	6,6	MPa	DIN 53504
<b>Rebound resilience</b>	11,0	%	DIN 53512
<b>Abrasion</b>	-	mm <sup>3</sup>	DIN 53516
<b>Tear strength</b>	6,6	N/mm	DIN 53515
<b>min. service temperature</b>	-25	°C	
<b>max. service temperature constant</b>	+215	°C	
<b>max. service temperature short</b>	+250	°C	

All above stated data results from random tests which were taken from the ongoing production. All data was established based on standard test-products according to ISO, DIN and ASTM standards and can basically not be carried over to the completed seal.

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