

FPM diet

Fluor rubber

Standard colour: brown

- Food-compliant FPM; approval acc. FDA, recommended for approval acc. EU1935/2004
- Resistant against mineral oil, HFD-U, HETG=biological base and cold water
- Applicable for Rod and Piston seals, Wiper Seals, Rotary Seals and Static Seals

Properties	Value	Unit	DIN Standard
Hardness	85 ± 5	Shore A	DIN 53505
Density	2,512	g/cm ³	DIN EN ISO 1183-1
Compression set 100°C/22h	-	%	DIN ISO 815-1
Compression set 150°C/22h	-	%	DIN ISO 815-1
Compression set 175°C/24h	7,7	%	DIN ISO 815-1
Elongation at break	207	%	DIN 53504
Tensile strength	10,3	MPa	DIN 53504
100 % modulus	6,5	MPa	DIN 53504
Rebound resilience	8	%	DIN 53512
Abrasion	200	mm ³	DIN 53516
Tear strength	6,3	N/mm	DIN 53515
min. service temperature	-25	°C	
max. service temperature	+220	°C	

Confirmation according FDA

Hereby we, M. Wilhelmsen A/S, confirm, that all single components used for our compound named «**FPM diet**» are listed on Code of Federal Regulation of U.S. Food and Drug Administration (FDA), Rockville MD.

They are mentioned under following subchapters: **21CFR 177.2600**

Confirmation according EU1935/2004

The confirmation according FDA mentioned above provides an approval according EU1935/2004. Due to unavoidable technical factors or due to the form of delivery of the elastomeric pre-materials traces of non-specified impurities could be included. A compulsory test should be applied to the final product.

Allowed for contact with foods. Not permitted for medical articles (implants).