



# EPDM Ethylene-propylene-diene-rubber

## EPDMW85A BLACK

- EPDM approved for drinking water
- Resistant to HFC, cold water, hot water and steam and diluted acids and bases
- Applicable for rod and piston seals, wiper seals, rotary seals and static seals

### Mechanical, Physical and Thermal Properties

Properties	Value	Unit	Din Standard
Hardness	88 ± 5	Shore A	DIN 53505
Density	1.17	g/cm <sup>3</sup>	DIN EN ISO 1183-1
Compression Set 22°C / 72h	9.1	%	DIN ISO 815-1
Compression Set 70°C / 22h	6.9	%	DIN ISO 815-1
Compression Set 100°C / 22h	9.6	%	DIN ISO 815-1
Compression Set 150°C / 22h	24.5	%	DIN ISO 815-1
Elongation At Break	115	%	DIN 53504
Tensile Strength	15.5	MPa	DIN 53504
Rebound Resilience	49	%	DIN 53512
Abrasion	108	mm <sup>3</sup>	DIN 53516
Tear Strength	3.6	N/mm	DIN 53515
Minimum Service Temperature	-40	°C	
Maximum Service Temperature	+ 130	°C	

- Not for use with medical articles (implants)

