

Physical properties of sponge quality EPDM

Hardness: Shore A	DIN EN ISO 868	15 ± 5°Shore
Specific Gravity:	DIN EN ISO 1183	0,60 g/cm ³ ± 10%
Tensile Strength:	DIN 53 504	2,0 N/mm ²
Elongation at Break:	DIN 53 504	300 %
Heat Ageing:	DIN 53 508	
168 hours at 70 °C		
Hardness change:		+5 °Shore
Tensile Strength change:		- 20 %
Elongation at Break change:		- 45 %
Compression Set:	DIN ISO 815	60 %
22 hours at 70 °C at 50 % Deflection		
Low Temperature Flexibility		- 35 °C
Elasticity:	DIN 53 512	44 %
Compression Deflection:	ASTM D 1056-78	0,13 N/mm ²
at 25 % Deflection		
Staining of organic Materials:	ISO 3865	- Grade
Ozoneresistance:	DIN 53 509	0 Grade
48 hours 50 ppm 20 % Elongation		
40 °C 55 % Relative Humidity		

Comments:

Note: The listed data were not determined on parts but on special test pieces and they are typical values for the respective compound, which however subject the processtypical variation limit.