

Material

85 FKM K664

Revision Index
03**Revision Date**
19.10.2016

General Data

Physical Properties	Nominal Range	Typical Value
Density DIN EN ISO 1183-1, 23 °C	2.48	g/cm ³
Hardness DIN ISO 7619-1, Shore A, 23 °C	86	Shore
Micro hardness DIN ISO 48	81	IRHD
Modulus 100 %, DIN 53504, S2, 23 °C	10.4	MPa
Tensile strength DIN 53504, S2, 23 °C	10.1	MPa
Elongation at break DIN 53504, S2, 23 °C	110	%
Glass transition temperature ISO 11357-2, DSC	-12	°C
Tear strength DIN 53507, A, 23 °C	18.8	KN/m

The given values are based on a limited number of tests on standard test pieces (2mm sheets) produced in the laboratory. The data from finished parts can deviate from above values depending on the manufacturing process and the component geometry. The data represents our present empirical values. It is incumbent on the person placing the order to examine whether it is suitable for its intended purpose, before using the product. All questions regarding the guarantee of this product are in line with our terms and conditions, inasmuch as statutory provisions do not plan for something else.

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