

Ethylene-propylene-diene-rubber (EPDM) - 85A

SKF Ecorubber-3

DIN: EPDM

Property	Unit	Value	Standard
Standard color	–	Black	■
Durometer hardness	Shore A	85 ±5	DIN ISO 48-4
Density	g/cm ³	1,22 ±0,02	DIN EN ISO 1183-1
Tensile strength	MPa	≥ 11	DIN 53504
Elongation at break	%	≥ 110	DIN 53504
100% modulus	MPa	≥ 8	DIN 53504
Compression set 100 °C / 24 h	%	≤ 16	DIN ISO 815
Tear strength	N/mm	18	DIN ISO 34-1
Abrasion	mm ³	120	DIN ISO 4649
Compatibility with SL-DOT 4, 168 h / 100 °C			
Change in durometer hardness	Shore A	0 / –1	DIN ISO 48-4
Volume change	%	+2,1	DIN 53521
Heat resistance, air 70 h / 150 °C			
Change in durometer hardness	Shore A	+4	DIN ISO 48-4
Change in tensile strength	%	–15	DIN 53504
Change in elongation at break	%	–22	DIN 53504
Minimum service temperature	°C	–50	–
Maximum service temperature	°C	+150	–
Short term	°C	+160	–

IMPORTANT NOTE: The values shown above are only valid for material samples prepared for test purposes according to the stated standards. The values density, durometer hardness (Shore A) and those marked with the symbols, greater than or equal to (≥) and smaller than or equal to (≤), are nominal values and must be fulfilled for each batch. These values are tested on selected samples.

skf.com/seals

© SKF is a registered trademark of the SKF Group.

© SKF Group 2020
The contents of this publication are the copyright of the publisher and may not be reproduced (even extracts) unless prior written permission is granted. Every care has been taken to ensure the accuracy of the information contained in this publication but no liability can be accepted for any loss or damage whether direct, indirect or consequential arising out of the use of the information contained herein.

PUB BU/P1 12481/3 EN · April 2024