

MATERIAL DATA SHEET

SKF ECORUBBER 3 (black)
Ethylene-Propylene-Rubber (EPDM)
peroxide-cured
 marked with blue dye

DIN/ISO
 EPDM

ASTM
 EPM

Property	Unit	Value	Standard
Durometer hardness	SHORE A	85 ± 5	DIN 53505
Density	g/cm ³	1,22 ± 0,02	DIN EN ISO 1183-1
Tensile strength	N/mm ²	≥ 12	DIN 53504
Elongation at break	%	≥ 110	DIN 53504
100 % modulus		≥ 9,0	
Compression set: 100°C / 22h	%	≤ 15	DIN ISO 815
Tear strength	N/mm	15	DIN ISO 34-1
Rebound resilience	%	38	DIN 53512
Abrasion	mm ³	120	DIN ISO 4649
Minimum service temperature	°C	-50	----
Maximum service temperature	°C	+150	----
Heat resistance, air 70h/150°C: Change in durometer hardness Change in tensile strength Change in elongation at break	Shore A % %	+4 -15 -22	DIN 53505 DIN 53504 DIN 53504
Compatibility with SL-DOT 4 - 168h/100°C Change in durometer hardness Volume change	Shore A %	0 / -1 +2,1	DIN 53505 DIN 53521

The mentioned data are only valid for test pieces of the corresponding ISO, DIN and ASTM standards and cannot be directly related to gaskets and joints. The values which are marked with the symbols greater than (≥) and smaller than (≤) are nominal values and must be fulfilled of each batch. All values which are not marked are typical values which are only tested on selected samples.

Valid from the manufacturing date week 45 / 1998