DICHTOMATIK

FREUDENBERG
SEALING TECHNOLOGIES

Material
75 HNBR HN759401

Version	Released on
01	23.02.2017

General Data

Colour:	Black
Type of cross-linking:	Peroxidic

Physical Properties	Nominal Range	Typical Value	
Density ASTM D297, 23 °C	1.2 ±0.03	1.195	g/cm³
Hardness ASTM D2240, Shore A, 23 °C	75 ±5	77	Shore
Tensile strength ASTM D412		24	MPa
Elongation at break ASTM D412		290	%
Tear strength ISO 34-1 A, 23 °C		5.3	KN/m
Compression set ISO 815, B, 22 h, 125 °C, 25 %, 22+2 h		44	%
Compression set ISO 815, B, 1008 h, 125 °C, 25 %, 1008+2h		73	%
Compression set DIN ISO 815, B, 1008 h, 125 °C, 25 %, 1008+2h in 5W30 MOBIL 1 ESP		81	%
Glass transition temperature DIN 53765		-24.6	°C

Temperature Range

static:	-30 to 150 °C

This data sheet supersedes all previous versions. The content is subject to change without prior notice. 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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