

Date 21.02.2014

Revision 1

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Material test report FKM 70

Colour	Black
(.() () III	DIACK

Property Hardness	Unit	Test method	Test parameter	Value
Tensile strength	Shore A	ASTM D 2240		70 ±5
Ultimate elongation	MPa	ASTM D 412		10,5
Specific gravity	%	ASTM D 412		230
Compression set	g/cm ³	ASTM D 297		1,91
	%	ASTM D 395 B	22h / 200°C	13

Changes of properties after ageing

Medium	Test method	Time	Temperature	Hardness Points	Tensile strength	Ultimate elongation	Volume
		Н	°C		%	%	%
Air	ASTM D 573	70	250	+1	-12	-15	
ASTM fuel C	ASTM D 471	70	23	-2	-19	-16	+5
ASTM 101 service liquid	ASTM D 471	70	200	-6	-18	-14	+15