

Material

75 ACM 7504

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Physical properties

	nominal range	typical values	
Density DIN EN ISO 1183-1, 23 °C	1.34 ±0.02	1.34	g/cm ³
Hardness DIN ISO 7619-1, Shore A, 23 °C	80 ±5	78	Shore
Tensile strength DIN 53504, S2, 23 °C	> 7	11.3	MPa
Elongation at break DIN 53504, S2, 23 °C	> 150	155	%
Compression set ASTM D 395, Slab B, 22 h, 150 °C, 25 %	< 30	25	%
Low Temperature DIN 53765, DSC	< -10	-12	°C
Temperature range	-30°C to 160°C		

Declarations of conformity
No data found!

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Tested after ASTM D 2000: M 3 DH 810 A26 B16 EO16 EO36 Z1 Z2

		nominal range	typical values
Hardness	Shore	80 ±5	77
Tensile strength	MPa	min. 10	11.5
A26 Change after aging in Air 70h/150°C			
Hardness	Shore	10	1
Tensile strength	%	-25	-15
Elongation at break	%	-30	10
B16 Compression set 22h/150°C			
	%	30	25
EO16 Change after aging in IRM 901 70h/150°C			
Hardness	Shore	-5 to 10	5
Tensile strength	%	-20	-5
Elongation at break	%	-30	-5
Volume	%	±5	2
EO36 Change after aging in IRM 903 70h/150°C			
Hardness	Shore	-15	-10
Tensile strength	%	-30	-10
Elongation at break	%	-30	-5
Volume	%	25	12
Z1 Low Temperature DIN 3761 Teil 15, DSC			
	°C	---	-12
Z2 Elongation at break ASTM D412, C, 23 °C			
	%	min. 150	175

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,

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inasmuch as statutory provisions do not plan for something else.

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