

Material 70 ACM P700M

Version
01**Released on**
06.08.2021

General Data

Colour: black
Type of cross-linking: Sulfur/Soap

Physical Properties

	Nominal Range	Typical Value	
Density ASTM D297	1.4 ±0.02	1.4	g/cm ³
Hardness ASTM D2240, Shore A	70 ±5	69	Shore
Tensile strength ASTM D412, C	>1450	1460	psi
Elongation at break ASTM D412, C	>200	229	%

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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Tested after ASTM D 2000: M 3 DH 7 10 A26 B36 EO16 EO36

ASTM Property		Nominal Range	Typical Value
Tensile strength	MPa	min. 10	0
Elongation at break	%	min. 200	0
Hardness	Shore	70 ±5	0
A26 Air 70.00h/150.00°C			
Tensile strength	MPa	-25	0
Hardness	Shore	10	0
Elongation at break	%	-30	0
B36 22.00h/150.00°C			
Compression set	%	50	0
EO16 IRM 901 70.00h/150.00°C			
Volume change	%	±5	0
Elongation at break	%	-30	0
Hardness	Shore	-5 to 10	0
Tensile strength	MPa	-20	0
EO36 IRM 903 70.00h/150.00°C			
Volume change	%	25	0
Hardness	Shore	-15	0
Elongation at break	%	-30	0
Tensile strength	MPa	-30	0
F13 nach 3 min bei -10 °C 3.00min/-10.00°C			
Low temperature resistance	°C	pass	pass

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