

Material

95 AU U953BBL

blue

cross linking: peroxidic

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Physical properties

	nominal range	typical values	
Density ASTM D1817	---	1.20	g/cm ³
Hardness ASTM D 2240, Shore A	95 ±5	95	Shore
Tensile strength ASTM D 412	> 10	33.7	MPa
Elongation at break ASTM D 412	> 100	464	%
Tear strength ASTM D624, C	---	169	KN/m
Compression set ASTM D 395, Slab B, 22 h, 100 °C	< 50	29	%

Declarations of conformity

No data found!

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Technology&Innovation

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Tested after ASTM D 2000: M 7 BG 910 B14 EA14 EO14 EO34 Z1 Z2 Z3 Z5 Z6

		nominal range	typical values
Hardness	Shore	90 ±5	95
Tensile strength	MPa	min. 10	33.7
Elongation at break	%	min. 100	464
B14 Compression set 22h/100°C	%	25	29
EA14 Change after aging in Distilled water 70h/100°C			
Hardness	Shore A	±10	0
Volume	%	±15	2
EO14 Change after aging in IRM 901 70h/100°C			
Hardness	Shore A	±5	0
Tensile strength	%	-25	-4
Elongation at break	%	-45	3
Volume	%	-10 to 5	0
EO34 Change after aging in IRM 903 70h/100°C			
Hardness	Shore A	-10 to 5	0
Tensile strength	%	-45	9
Elongation at break	%	-45	14
Volume	%	0 to 25	5
Z1 Specific Gravity ASTM D792	g/cc	---	1.2
Z2 Tear strength	KN/m	---	169
Z3 Change after aging in Air 70h/100°C			
Hardness Shore A	Shore	±15	0
Tensile strength	%	±30	-4
Elongation at break	%	min. -50	1

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		volume change	%	---
				0
Z5	Change after aging in Water 70h/100°C			
	Hardness	Shore A	±10	0
	Tensile strength	%	---	-21
	Elongation at break	%	---	14
	volume change	%	±15	2
Z6	Hardness ASTM D2240, Shore A	Shore	95 ±5	95

The given values are based on a limited number of tests on standard test pieces (2mm sheets). The data from finished parts can deviate from above values depending on the manufactories 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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