

Cleanroom Nitrile CELOS® Glove 1.10

Parameter	Test method	Result
pH value	DIN EN 420:2010	Measured pH value: 6,4
Dangerous chemicals and micro-organisms	DIN EN 374-1 + A1:2018 DIN EN 374-5:2016	Pass
Air-Leak-Test	DIN EN 374-2:2015	Pass
Water-Leak-Test	DIN EN 374-2:2015	Pass
Permeation	DIN EN 16523-1:2015	See table below
Degradation	DIN EN 374-4:2014	See table below

Performance Parameter

1. Permeation

Test chemicals	Code	Sample 1 Breakthrough [min]	Sample 2 Breakthrough [min]	Sample 3 Breakthrough [min]
N-heptane	J	40	34	39
Hydrogen peroxide (30 %)	P	> 480	> 480	> 480
Formaldehyde (37 %)	T	89	58	36
Sodium hydroxide (40 %)	K	> 480	> 480	> 480
Ethanol (70 %)	-/-	17	14	16
2-Propanol (70 %)	-/-	34	45	33
Hydrochloric acid (30 %)	-/-	> 480	> 480	> 480
Sulfuric acid (50 %)	-/-	> 480	> 480	> 480

2. Degradation

Test chemicals	Code	Degradation [%]	Standard deviation [%]
N-heptane	J	- 40,7	62,9
Hydrogen peroxide	P	31,6	6,5
Formaldehyde	T	18,8	36,4
Sodium hydroxide	K	- 24,3	32,4

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