Mapa Chemical

Ultranitril 485

Chemical Product	CAS #	BTT (minutes)	Permeation level	Standard	Degradation level	Rating
1,1,1-Trichloroethane 99%	71-55-6	NT	NT		1	NA
Carbon disulfide 99%	75-15-0	4	0	ASTM F739	NT	NA
Diethylamine 98%	109-89-7	16	1	ASTM F739	NT	NA
Dimethylformamide 99%	68-12-2	11	1	ASTM F739	1	-
Methanol 85%	67-56-1	NT	NT		4	NA
Methanol 99%	67-56-1	34	2	EN 374-3:2003	4	+
n-Heptane 99%	142-82-5	480	6	EN 374-3:2003	NT	NA
n-hexane 95%	110-54-3	480	6	ASTM F739	4	++
Nitrobenzene 99%	98-95-3	20	1	ASTM F739	NT	NA
Sodium hydroxide 20%	1310-73-2	480	6	EN 374-3:2003	4	++
Sodium hydroxide 40%	1310-73-2	480	6	EN 374-3:2003	4	++
Sodium hydroxide 50%	1310-73-2	480	6	ASTM F739	4	++
Sulfuric acid 96%	7664-93-9	30	1	EN 374-3:2003	1	-
Tetrachloroethylene (Perchloroethylene) 99%	127-18-4	52	2	ASTM F739	NT	NA
Tetrahydrofurane 99%	109-99-9	4	0	ASTM F739	NT	NA
Toluene 99%	108-88-3	9	0	ASTM F739	NT	NA

*not normalized result

Overall Chemical Protection Rating

Protection rating is determined by taking into account the effects of both permeation and degradation in an attempt to provide users with an overall protection guideline when using our glove products against specific chemicals.

- Used for **high chemical exposure** or chemical immersion, limited to BTT based on a working day.
- Used for **repeated chemical contact**, limited to total chemical exposure i.e. : accumulative BTT based on a working day.
- **Splash protection only**, on chemical exposure the gloves should be discarded and new gloves worn as soon as possible.
- **Not recommended**, these gloves are deemed unsuitable for work with this chemical.
- NT : Not tested
- NA : Not applicable because not fully tested (only degradation OR permeation results)

The chemical test data and overall chemical protection rating should not be used as the absolute basis for glove selection. Actual in-use conditions may vary glove performance from the controlled conditions of laboratory tests. Factors other than chemical contact time, such as concentration and temperature, glove thickness and glove reuse, may also affect performance. Other glove requirements, such as length, dexterity, cut, abrasion, puncture and snag resistance, or glove grip also need to be considered in making your final selection.

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