

The specimen (100 x 100 x 2 mm) is cured for 7 days at room temperature prior to testing. The sample solution has acted on the surface of the specimen under glass. The surface was completely saturated with sample solution during the test period. The assessment is based on visual inspection and hardness measurement.

Chemical Resistance: Eradur® WB

TEST MEDIUM	1 Day	1 Week	1 Month
Acetic acid 10%	4	2	1
Aluminium Sulphate 30%	5	5	5
Butanol	5	3	2
Butyl Acetate	2	1	
Citric acid 10%	5	5	5
Citric acid 20%	5	5	5
Cyclohexane	5	5	5
Deionized water	5	5	5
Diesel oil	5	5	5
Ethylene glycol	5	5	5
Fatty acids (tall fat)	5	5	5
Formic acid 5%	4	3	2
Heptane	5	5	5
Hydrochloric acid 5%	5	5	5
Hydrochloric acid 10%	4	3	1
Jet Fuel	5	5	5
Kerosene	5	5	5
Lactic acid 2%	5	5	5
Lactic acid 5%	5	4	2
Linseed oil	5	5	5
Methanol	1		
Methyl Isobutyl ketone (MIBK)	1		
Nitric acid 1%	5	5	5
Petrol	5	5	5
Phosphoric acid 10%	4	2	1
Potassium hydroxide 30%	5	5	5
Seawater	5	5	5
Sodium Chloride saturated solution	5	5	5
Sodium hydroxide 5%	5	5	5
Sodium hydroxide 20%	5	5	5
Sodium hydroxide 50%	5	5	5
Toluene	1		
Vegetable Juice	5	5	5
Water	5	5	5
Water, distilled 100°C	5	5	5
White Spirit	5	5	5
Wine	5	5	5
Xylene	5	3	2

Explanation of the abbreviations:

1. Destroyed.
2. Strongly attacked. (Cracks - blisters)
3. Attacked. (Strong swelling, reduced mechanical strength)
4. Light impact. (Smaller swelling - coating recovers)
5. Enduring.

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Note: On coatings there is often the influence of; several chemicals at the same time, elevated temperature and / or mechanical load, which makes the chemical impact difficult to assess. Discoloration may occur on the coating, but these do not necessarily indicate impaired function. Data not presented here was not available at the time of the document's creation. If you have any questions, please contact your sales rep.