

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® Resistent SB

TEST MEDIUM	4 Hours	1 Day	1 Week	1 Month	6 months	1 Year
Acetone	4	2	1	1		
Ammonia 10%	5	5	5	5	5	5
Ammonia 25%	5	5	5	5	5	4
Aromatic hydrocarbons	5	5	5	5	5	5
Battery acid	5	5	5	5	5	5
Petrol	5	5	5	5	5	5
Butanol	5	5	5	5		
Butyl acetate	5	4	4	4		
Citric acid 10%	5	5	5	5		
Cyclohexane	5	5	5	5		
Diesel Oil	5	5	5	5	5	5
Ethyl acetate	5	4	4	3		
Ethanol 50%	5	5	5	5	5	5
Ethanol 95%	5	5	5	4	1	1
Ethylene glycol	5	5	5	5		
Fatty acids (tall fat)	5	5	5	5		
Phosphoric acid 10%	5	5	5	5		
Kerosene	5	5	5	5		
Fruit juices	5	5	5	5		
Heptane	5	5	5	5		
Hydraulic oil	5	5	5	4		
Isopropyl alcohol	5	5	5	5		
Potassium hydroxide 30%	5	5	5	5		
Jet fuel	5	5	5	5		
(White spirit)	5	5	5	5		
Linseed oil	5	5	5	5		
Methanol	5	4	3	3		
Methyl isobutyl. Ketone (MIBK)	4	3	2	2		
Lactic acid 5%	5	5	5	5		
Lactic acid 10%	5	5	5	4		
Engine oil	5	5	5	5	5	5
Formic acid 5%	5	5	5	5		
Sodium hydroxide 10%	5	5	5	5		
Sodium hydroxide 45%	5	5	5	5		
Sodium carbonate (soda)	5	5	5	5		
Sodium chloride (saturated)	5	5	5	5		
Nitric acid	5	5	5	5		
Hydrochloric acid 5%	5	5	5	5	5	5
Hydrochloric acid 10%	5	5	5	5	5	5
Hydrochloric acid 20%	5	5	5	5	5	5
Hydrochloric acid 36%	5	5	5	5	5	5
Sulfuric acid 10%	5	5	5	5	5	5
Sulfuric acid 20%	5	5	5	5	5	5
Sulfuric acid 30%	5	5	5	5	5	5
Sulfuric acid 50%	5	5	5	5	5	5
Toluene	5	5	5	4		
Turpentine	5	5	5	5		
Water, deionized	5	5	5	5	5	5
Water, sewage	5	5	5	5	5	5
Water, sea water	5	5	5	5	5	5
Vegetable oil	5	5	5	5	5	5
Whiskey	5	5	5	5	5	5
Wine	5	5	5	5	5	5
Xylene	5	5	5	5	5	5

Explanation of the abbreviations:

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

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. The above values are intended for product comparisons and do not constitute a basis for warranties or other obligations. If you have any questions, please contact your sales rep on Eradur Sp. Z o.o.