

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® PU 750

TEST MEDIUM	4 Hours	1 Day	1 Week	1 Month
Ammonia 10%	5	5	5	5
Ammonia 25%	5	5	5	4
Battery acid	5	5	5	5
Citric acid 10%	5	5	5	5
Citric acid 50%	5	5	5	5
Phosphoric acid 10%	5	5	5	5
Phosphoric acid 85%	5	5	5	5
Fruit juices	5	5	5	5
Potassium hydroxide 30%	5	5	5	5
Lactic acid 10%	5	5	5	5
Lactic acid 50%	5	5	5	5
Lactic acid 85%	5	5	5	5
Formic acid 5%	5	5	5	5
Formic acid 25%	5	5	5	5
10% sodium hydroxide	5	5	5	5
30% sodium hydroxide	5	5	5	5
Sodium carbonate (soda)	5	5	5	5
Sodium chloride (saturated)	5	5	5	5
Oxalic	5	5	5	5
Propionic acid 100%	5	5	5	5
Hydrochloric acid 10%	5	5	5	5
Hydrochloric acid 50%	5	5	5	4
Hydrochloric acid 5%	5	5	5	5
Hydrochloric acid 10%	5	5	5	5
Hydrochloric acid 36%	5	5	5	5
Sulfuric acid 10%	5	5	5	5
Sulfuric acid 30%	5	5	5	5
Sulfuric acid 30%, 65 ° C	5	5	5	5
Sulfuric acid 60%	5	5	5	5
Sulfuric acid 96%	5	4	2	1
Water, deionized	5	5	5	5
Water, sewage	5	5	5	5
Water, sea water	5	5	5	5
Water, 80 ° C	5	5	5	5
Tartaric acid 50%	5	5	5	5
Acetic acid 10%	5	5	5	5
Acetic acid 20%	5	5	5	5
Acetic acid 50%	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.