

## Chemical resistance list

for Premium Polyester Powder 5936

Test medium	Durability
Acetone	not resistant
Formic acid (10 %)	1 month
Butanol	1 month
Brake fluid	8 hours
Decalin	1 month
Ethyl acetate	not resistant
Acetic acid (10 %)	1 month
Hydroquinone (10 % aqueous)	1 month
MEK (methyl ethyl ketone)	not resistant
Monoethylene glycol	1 month
Sodium thiosulfate (10 % aqueous)	1 month
Sodium hydroxide (10 %)	1 month
Phosphoric acid (10 %)	1 month
Hydrochloric acid (10 %)	1 month
Sulfuric acid (38 %)	1 month
Super petrol (unleaded)	1 hour
Diesel fuel	1 month
Xylene	1 minute
Motor oil	1 month
Hydraulic oil	1 month

### Test conditions

The tests were carried out on powder-coated, iron-phosphate coated steel sheets at room temperature. For this purpose, filter paper soaked with the test medium was applied and covered with a watch glass over the test period.

### Test method | test period

The values given refer to minimum durations. The tests were completed after one month at the latest.

It was assessed whether blistering, detachment, softening, or other lasting impairment occurred.

A change in gloss and discoloration were not taken into account.

#### Notice

These results correspond to our previous experience and do not release the user from carrying out their own tests.

#### Remark

This technical information is based on extensive development work and years of practical experience. Its content does not constitute a contractual legal relationship. The user/buyer is not released from the responsibility of checking our products to ensure they are suitable for the intended application. Our general terms and conditions also apply.

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