

PRODUCT NAME: FILAMENT 3D ROSA-Flex 96A 1,75mm

| Substance | Temperature | Resistance | Remarks |
|---|-------------|------------|-----------------|
| Acetone (CH ₃ COCH ₃) | | average | material swells |
| Aniline (C ₆ H ₅ NH ₂) | | very poor | material swells |
| IRM oil 901 | | very good | |
| IRM oil 902 | | very good | |
| IRM oil 903 | | good | |
| Gasoline | | good | material swells |
| Benzene (C ₆ H ₆) | | average | material swells |
| Butanol (C ₄ H ₉ OH) | | good | |
| Cyclohexanol (C ₆ H ₁₁ OH) | | average | material swells |
| Diesel oil | | very good | material swells |
| Dimethylformamide (C ₃ H ₇ NO) | | very poor | material swells |
| Ethyl acetate (CH ₃ COOC ₂ H ₅) | | poor | material swells |
| Ethanol (C ₂ H ₅ OH) | | average | material swells |
| Diethyl ether (C ₂ H ₅ OC ₂ H ₅) | | very good | material swells |
| Isopropanol (C ₃ H ₇ OH) | | average | material swells |
| Methanol (CH ₃ OH) | | average | material swells |
| Methylene chloride (CH ₂ Cl ₂) | | poor | material swells |
| N-methyl pyrrolidone (C ₅ H ₉ NO) | | very poor | material swells |
| Trichloroethylene (C ₂ HCl ₃) | | poor | material swells |
| Tetrahydrofuran (C ₄ H ₈ O) | | very poor | material swells |
| Water | room temp. | very good | |
| Water | 80°C | average | |
| Sea water | | very good | |

| Aqueous solutions | Concentration | Resistance | Remarks |
|---|-----------------------|------------|---------|
| Potassium hydroxide (KOH) | 1 mol/dm ³ | good | |
| Acetic acid (CH ₃ COOH) | 20% | very poor | |
| Sodium chloride (NaCl) | 30% | very good | |
| Nitric acid (HNO ₃) | 20% | very poor | |
| Hydrochloric acid (HCl) | 20% | poor | |
| Iron(III) chloride (FeCl ₃) | 5% | average | |
| Aluminum chloride (AlCl ₃) | 5% | very good | |
| Ammonia (NH ₃) | 10% | very good | |

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The chemical resistance table is based on information from the raw material supplier. The data is for informational purposes only. To our knowledge, they are reliable. ROSA PLAST Sp. z o.o. makes no warranty as to their accuracy, suitability for specific applications or the results to be obtained from them. It is essential that users test our products to determine whether they are suitable for their intended use.

