

Kemiske egenskaber

| Stof | Plastmateriale Koncentration (%) | | | | | | | | | | | | | | |
|------------------------------|-------------------------------------|----|-----|------|-------|-------|------|------|------|----|----|------|-----|-----|------|
| | | PC | PVC | PA 6 | POM C | POM H | PTFE | PETP | PMMA | PE | PP | PVDF | PUR | PSU | PEEK |
| Acetaldehyd | 40 | 2 | 2 | 3 | 4 | 3 | 4 | 4 | 2 | 4 | 4 | 4 | 2 | 2 | 4 |
| Aceton | 100 | 2 | 2 | 4 | 3 | 4 | 4 | 3 | 2 | 4 | 4 | 4 | 1 | 2 | 4 |
| Allylalkohol | 100 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 1 | 4 | 4 | | | 3 | |
| Aluminiumklorid | 10 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | 4 | |
| Ammoniak, vandig | 10 | 2 | 4 | 4 | 4 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 4 | 4 |
| Ammoniumklorid | | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | | 4 | |
| Anilin | 100 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 1 | 4 | 4 | 4 | 1 | 2 | 4 |
| Benzin, blyfri | | 1 | 4 | 4 | 4 | 4 | 4 | 4 | 1 | 4 | 3 | 4 | 4 | 3 | 4 |
| Benzin, super | | 3 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 3 | 4 |
| Benzon | 100 | 2 | 3 | 4 | 4 | 3 | 4 | 4 | 1 | 3 | 2 | 4 | 3 | 2 | |
| Benzylalkohol | 100 | 2 | 4 | 3 | 4 | 4 | 4 | 4 | 2 | 3 | 3 | 4 | 3 | 3 | |
| Blegelud 0,1% fri klor | | 2 | 4 | 2 | 2 | 2 | 4 | 4 | | 3 | 4 | 3 | | 2 | |
| Blyacetat | | | 4 | 3 | 4 | 4 | 4 | | | 4 | 4 | 4 | 4 | | |
| Borsyre | 10 | 4 | 4 | 3 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| Brintoverilte | 0,5 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | | 4 | 4 |
| Brintoverilte | 1 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | | 4 | 4 |
| Brintoverilte | 3 | 3 | 4 | 3 | 4 | 2 | 4 | 4 | 3 | 4 | 4 | 4 | | 4 | 4 |
| Brintoverilte | 10 | 2 | 4 | 2 | 4 | 2 | 4 | 4 | 2 | 4 | 4 | 4 | | 4 | 4 |
| Brintoverilte | 30 | 2 | 4 | 2 | 3 | 2 | 4 | 4 | 2 | 4 | 4 | 4 | | 4 | 4 |
| Bromsyre | 50 | | 4 | 2 | 2 | | 4 | | | 4 | 4 | 4 | 2 | | |
| Butan, flydende | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | 4 | 4 | 4 | | | 4 |
| Butanol | 100 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 2 | 4 | 3 | | 3 | 3 | |
| Butylacetat | 100 | | 4 | 4 | 4 | 4 | 4 | 4 | 1 | 4 | 2 | 4 | 2 | 2 | |
| Calciumcarbonat | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | 4 |
| Calciumhydroxid | | 4 | 4 | 4 | 4 | 4 | 4 | 3 | | 4 | 4 | 4 | 3 | | 4 |
| Calicumklorid, vandig | 10 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 |
| Calicumklorid, alkoholholdig | 20 | 4 | 4 | 1 | 4 | 4 | 4 | 4 | | 4 | 4 | 4 | | 3 | |
| Celluloseacetat | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | 4 | | |
| Citronsyre | 10 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| Dieselolie | 100 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | 4 | 3 | 4 | | 4 | |
| Diklorethan | 100 | 1 | 2 | 4 | 4 | 4 | 3 | 2 | 1 | 2 | 4 | 4 | 2 | 2 | |
| Dioxan | 100 | 1 | 2 | 4 | 3 | 3 | 4 | 4 | 2 | 4 | 3 | 2 | 2 | 2 | |
| Eddikesyre | 10 | 2 | 4 | 2 | 4 | 3 | 4 | 4 | 1 | 4 | 4 | 4 | 2 | 4 | 4 |
| Eddikesyre | 80 | 2 | 3 | 2 | 2 | 2 | 4 | 2 | 1 | 4 | 4 | 4 | 2 | 4 | 4 |
| Ethanol | 96 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 4 | 4 | 4 | 4 | 4 | 4 |
| Ethylactat | 100 | 2 | 2 | 4 | 3 | 3 | 3 | 4 | 2 | 4 | 4 | 4 | 2 | 2 | 4 |
| Ethyleter | 100 | 2 | 2 | 4 | 4 | 4 | 3 | 4 | 2 | 3 | 3 | | 4 | 2 | |
| Fenol, smeltet | 100 | 1 | 3 | 1 | 2 | 2 | 4 | 2 | 1 | 4 | 4 | 4 | 3 | 2 | 2 |
| Fenol, vandig | 10 | 2 | 3 | 2 | 2 | 2 | 4 | 2 | 1 | 4 | 4 | 4 | 3 | 2 | 4 |
| Flussyre | 40 | 2 | 4 | 1 | 2 | 2 | 4 | 2 | 2 | 4 | 4 | 4 | 2 | 2 | |
| Fluor, tør | | | 3 | 2 | 2 | 2 | 4 | | | 2 | 2 | 4 | | | |
| Formaldehyd, vandig | 20 | 3 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 2 | 4 |
| Forforsyre | 10 | 4 | 4 | 2 | 3 | 2 | 4 | 4 | 2 | 4 | 4 | 4 | | 4 | 4 |
| Fosforsyre, koncentreret | 80 | 2 | 4 | 2 | 2 | 2 | 4 | | 2 | 4 | 4 | 4 | | 4 | 4 |
| Freon 11® | | 3 | 4 | 4 | 4 | 3 | 4 | 4 | | 3 | 2 | 4 | | | |
| Freon 12® | | 3 | 2 | 4 | | | 4 | 4 | 4 | 3 | 2 | 4 | | | |
| Freon 22® | | 3 | 4 | 4 | | | | 4 | 4 | | 3 | 2 | | | |
| Freon 113® | | 3 | 4 | 4 | | | | 4 | 3 | | 3 | 2 | | | |

1 = Dårlig 2 = Moderat 3 = God 4 = Optimal

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| Stof | Plastmateriale | | | | | | | | | | | | | | |
|----------------------------|-------------------|----|-----|------|-------|-------|------|------|------|----|----|------|-----|-----|------|
| | Koncentration (%) | PC | PVC | PA 6 | POM C | POM H | PTFE | PETP | PMMA | PE | PP | PVDF | PUR | PSU | PEEK |
| Glycerin | 90 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | |
| Heptan | 100 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| Hexan | 100 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| Isopropanol | 90 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 3 | |
| Jern-III-klorid | | 3 | 4 | 2 | 3 | 3 | 4 | | 3 | 4 | 4 | 4 | 3 | 4 | |
| Jod/jod-kalium-opløsning | 3 | 4 | 2 | 2 | | | 4 | 4 | | 3 | 4 | 4 | | 2 | |
| Kalilud, vandig | 10 | 2 | 4 | 4 | 4 | 3 | 4 | 2 | 4 | 4 | 4 | 4 | 2 | 4 | 4 |
| Kalilud, vandig | 50 | 2 | 4 | 4 | 4 | 2 | 4 | 2 | 4 | 4 | 4 | 2 | 2 | 4 | 4 |
| Kalisalpeter | 10 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | | 4 | |
| Kaliumbikromat | 5 | 4 | 4 | 3 | | | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 4 | |
| Kaliumpermanganat | 1 | 4 | 4 | 2 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | | 4 | |
| Klorbenzol | 100 | 1 | 2 | 4 | 4 | 3 | 4 | 4 | 2 | 3 | 4 | 4 | 1 | 1 | |
| Klorgas | 100 | 3 | 4 | 2 | 2 | 2 | 4 | 2 | 2 | 3 | 2 | 4 | 1 | 2 | 4 |
| Kloroform | 100 | 1 | 2 | 2 | 2 | 2 | 4 | 2 | 1 | 2 | 3 | 4 | 1 | 1 | 4 |
| Klorvand | | 3 | 3 | 2 | 2 | 2 | | 2 | | 3 | 3 | 4 | | 4 | |
| Kobberklorid | | 4 | 4 | | 4 | 3 | 4 | | | 4 | 4 | 4 | 4 | | |
| Kobbersulfat | | 4 | | 3 | 4 | 4 | 4 | | | 4 | 4 | 4 | | 4 | |
| Kromsyre | 10 | 4 | 4 | 2 | 2 | 2 | 4 | 3 | | 4 | 4 | 4 | | 2 | 4 |
| Kuldioxid | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | 4 |
| Kviksølv | 100 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| Kviksølvklorid, vandig | 5 | 4 | 4 | 2 | 4 | 4 | 4 | | | 4 | 4 | 4 | | 4 | |
| Magnesiumklorid, vandig | 10 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 3 |
| Mangansulfat | 10 | 4 | | 4 | 4 | 4 | 4 | 4 | | 4 | 4 | 4 | | 4 | |
| Methanol | 98 | 2 | 4 | 4 | 4 | 4 | 3 | 3 | 2 | 4 | 4 | 4 | 3 | 3 | 4 |
| Metylacetat | 100 | 2 | 2 | 4 | 4 | 3 | 4 | 4 | 2 | 4 | 4 | 4 | | 2 | |
| Metylethylketon | 100 | 2 | 2 | 4 | 3 | 3 | 4 | 4 | 1 | 4 | 4 | 3 | 2 | 2 | 4 |
| Metylenklorid | 100 | 12 | 3 | 3 | 2 | 2 | 4 | 2 | 1 | 3 | 3 | 4 | 1 | 1 | 4 |
| Mineralolie | 100 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| Mælkesyre | 10 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | 4 | 4 |
| Natriumbisulfid | 10 | 4 | 4 | 4 | 2 | 2 | 4 | 4 | | 4 | 4 | 4 | | 4 | |
| Natriumkarbonat | 10 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 4 | 4 |
| Natriumklorid | 10 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 |
| Natriumsulfat | 10 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | 4 | 4 | 4 | | 4 | |
| Natronlud, vandig | 50 | 2 | 4 | 3 | 4 | 2 | 4 | 2 | 3 | 4 | 4 | 3 | 2 | 4 | 4 |
| Natronlud, vandig | 10 | 2 | 4 | 4 | 4 | 3 | 4 | 2 | 4 | 4 | 4 | 4 | 3 | 4 | 4 |
| Nitrobenzol | 100 | 1 | 2 | 3 | 3 | 3 | 4 | 2 | 1 | 4 | 4 | 4 | 1 | 2 | 4 |
| Oliesyre, koncentreret | 40 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | |
| Oxalsyre | 10 | 4 | 4 | 3 | 2 | 2 | 4 | 4 | 4 | 4 | 3 | 4 | | 4 | 4 |
| Ozon | | 4 | 4 | 2 | 2 | 2 | 4 | 2 | 4 | 3 | 3 | 4 | 4 | 4 | 4 |
| Petroleum | 100 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| Salpetersyre, koncentreret | 65 | 2 | 2 | 2 | 2 | 2 | 4 | 2 | 2 | 3 | 2 | 4 | 2 | 2 | |
| Salpetersyre | 10 | 3 | 4 | 2 | 2 | 2 | 4 | 3 | 3 | 4 | 4 | 4 | 2 | 4 | 4 |
| Saltsyre | 10 | 4 | 4 | 2 | 2 | 2 | 4 | 3 | 4 | 4 | 4 | 4 | 2 | 4 | 4 |
| Saltsyre | 2 | 4 | 4 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 4 | 4 |

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|---------------------|-------------------|----|-----|------|-------|-------|------|------|------|----|----|------|-----|-----|------|
| | Koncentration (%) | PC | PVC | PA 6 | POM C | POM H | PTFE | PETP | PMMA | PE | PP | PVDF | PUR | PSU | PEEK |
| Silikoneolie | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | | |
| Spiseolie | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | | |
| Spiritus | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 4 | 4 | 4 | 4 | 2 | 4 |
| Styren | 100 | 2 | | 4 | 4 | 4 | 4 | 2 | | 3 | 3 | | 2 | 4 | 4 |
| Svovlbrinte, vandig | 2 | 4 | 4 | 4 | 3 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 4 | |
| Svovldioxid | | 3 | 4 | 2 | 3 | 2 | 4 | 3 | 4 | 4 | 4 | 4 | 2 | | 4 |
| Svovlkulstof | 100 | 2 | 3 | 4 | 4 | 4 | 4 | 4 | 2 | 3 | 4 | 4 | | 2 | |
| Svovlsyre | 98 | 2 | 4 | 1 | 2 | 2 | 4 | 2 | 2 | 2 | 2 | 4 | 1 | 2 | 2 |
| Svovlsyre | 10 | 4 | 4 | 2 | 3 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 4 | 4 |
| Svovlsyre, rygende | | 2 | 3 | 2 | 2 | 2 | 4 | 2 | 3 | 2 | 2 | 2 | 2 | | 2 |
| Sæbeopløsning | 1 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| Søvand | 100 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| Tetraklor kulstof | 100 | 2 | 2 | 4 | 3 | 3 | 3 | 4 | 1 | 2 | 2 | 4 | 1 | 2 | |
| Tetralin | 100 | 2 | 2 | 4 | 4 | 3 | 4 | 4 | 1 | 4 | 3 | 4 | | 4 | |
| Thionylklorid | 100 | 2 | 2 | 1 | 3 | 3 | 3 | 4 | | 2 | 2 | 4 | | | |
| Toluol | 100 | 2 | 2 | 4 | 3 | 3 | 4 | 4 | 1 | 3 | 3 | 4 | 2 | 2 | 4 |
| Triklørethylen | 100 | 2 | 2 | 3 | 3 | 3 | 4 | 2 | 1 | 2 | 3 | 4 | 1 | 1 | 4 |
| Vand, koldt | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| Vin | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | 4 | 4 | 4 | | 4 | |
| Voks, smeltet | | 4 | | 4 | 4 | 4 | 4 | 4 | | 4 | 4 | 4 | | 4 | |

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