

Odolnosť plastov voči chemikáliám



| Chemická zlúčenina | Koncentrácia v objeme % | Skupina polyamidov | | | Polyester | | Polypropylén | Polyetylén |
|----------------------------|----------------------------|--------------------|--------|---------|-----------|------|--------------|------------|
| | | PA 6.0 | PA 6.6 | PA 6.12 | PBT | PETP | PP | PE |
| kyselina mravčia | 98 | Ž | Ž | Ž | Ž | Ž | Ž | * |
| amoniak | 100 | D | D | D | D | D | D | D |
| anilín | 100 | Z | Z | Z | D | D | Z | * |
| hydroxid draselný koncent. | 50 | D | D | D | Z | Z | D | * |
| hydroxid draselný riedený | 10 | D | D | D | D | D | D | D |
| hydroxid sodný koncent. | 50 | D | D | D | Ž | Ž | D | * |
| hydroxid sodný riedený | 10 | D | D | D | Ž | Ž | D | * |
| acetón | 100 | D | D | D | D | D | D | D |
| benzín | | D | D | D | D | D | Ž | U |
| benzol | 100 | D | D | D | D | D | Ž | * |
| bielidlo – roztok | | D | D | D | D | D | U | U |
| chloroform | 100 | Ž | Ž | Ž | D | D | Ž | * |
| kyselina chrómová | 10 | Z | Z | Z | D | D | D | D |
| nafta | | D | D | D | D | D | Z | D |
| kyselina octová | 100 | Z | Z | Z | U | U | U | U |
| etanol | 96 | Z | D | Z | D | D | D | * |
| etylacetát | 100 | D | D | D | D | D | * | D |
| kyselina masťná | 100 | D | D | D | D | D | D | D |
| glycerín | | D | D | D | D | D | D | D |
| morská voda | | D | D | D | D | D | D | D |
| metylalkohol | 100 | D | D | D | D | D | D | D |
| kyselina mliečna riedená | 20 | Z | Z | Z | D | D | D | D |
| sulfát sodný | 40 | D | D | D | D | D | D | D |
| bieliaci lúh sodný | 10 | Ž | Ž | Ž | D | D | D | * |
| kyselina šŕaveľová | nasýtená | Ž | Ž | Ž | D | D | * | * |
| petrolej | | D | D | D | D | D | Z | D |
| rastlinný olej | | D | D | D | D | D | D | D |
| kyselina fosforečná | 85 | Ž | Ž | Ž | D | D | * | * |
| kyselina dusičná | 10 | Ž | Ž | Ž | D | D | D | * |
| kyselina dusičná | 50 | Ž | Ž | Ž | Z | Z | * | * |
| kyselina soľná | 30 | Ž | Ž | Ž | Z | Z | D | U |
| kyselina sírová | 10 | Ž | Ž | Ž | D | D | D | * |
| kyselina sírová | 100 | Ž | Ž | Ž | Ž | Ž | Ž | * |
| mydlo (WAS) | | D | D | D | D | D | D | D |
| kyselina stearová | 100 | Z | Z | Z | D | D | * | * |
| terpentín | 100 | D | D | D | D | D | Ž | * |
| tetrachlóretylén | 100 | D | D | D | Z | Z | Ž | * |
| toluol | 100 | D | D | D | D | D | Ž | * |
| trichlóretylén | | Z | Z | Z | D | Z | Ž | * |
| vazelína | | D | D | D | D | D | D | D |
| kyselina citrónová | 10 | Z | Z | Z | D | D | D | D |

Legenda: D = dobrá
U = uspokojivá

Z = zlá
Ž = žiadna

* = žiadne empirické hodnoty