

プラスチックの耐油性・耐溶剤性・耐薬品性

| プラスチック  |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         |    |
|---------|-----|-----------|-----------|---------|--------|-----|--------|---------|----------|------|---------|--------|-------|---------|-------------|-----------|----------|---------|-------|--------|-------|--------|--------|-------------|---------|----|
| 熱可塑性樹脂  |     |           |           |         |        |     |        |         |          |      |         |        |       | 熱硬化性樹脂  |             |           |          |         |       |        |       |        |        |             |         |    |
| 塩化ビニル樹脂 |     | 塩化ビニリデン樹脂 | アクリルコポリニル | 酢酸ビニル樹脂 | ポリスチレン | ABS | ポリエチレン | ポリプロピレン | ポリイソブチレン | ナイロン | アセタール樹脂 | アクリル樹脂 | フッ素樹脂 | 酢酸セルロース | テトラフルオロエチレン | 塩素化ポリエーテル | ポリカーボネート | フェノール樹脂 | ユリア樹脂 | メラミン樹脂 | フラン樹脂 | キシレン樹脂 | エポキシ樹脂 | 不飽和ポリエステル樹脂 | ジアリルフタレ |    |
| 軟質      | 硬質  |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         |    |
| PVC     | PVC | PVdC      | PVA       | PVAc    | PS     | ABS | PE     | PP      | PB       | PA   | POM     | PMMA   | PTFE  | CA      | CP          | PC        | PF       | UR      | MF    | FF     | XR    | EP     | UP     | DAP         |         |    |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             | 1       |    |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 2  |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 3  |
|         | x   |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 4  |
|         | x   |           | x         |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 5  |
|         | x   |           | x         |         |        | x   |        |         |          |      |         |        |       |         |             |           | x        |         |       |        |       |        |        |             |         | 6  |
|         | x   |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 7  |
|         | x   | x         | x         | x       | x      | x   |        |         | x        |      |         |        |       | x       |             | x         |          | x       |       |        |       |        |        |             |         | 8  |
|         |     |           |           |         |        | x   |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 9  |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 10 |
|         | x   |           | x         |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 11 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 12 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 13 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 14 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 15 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 16 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 17 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 18 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 19 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 20 |
|         | x   |           | x         |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 21 |
|         |     |           | x         |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 22 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 23 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 24 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 25 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 26 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 27 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 28 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 29 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 30 |
|         | x   | x         | x         | x       |        | x   | x      |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 31 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 32 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 33 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 34 |
|         | x   | x         | x         |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 35 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 36 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 37 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 38 |
|         | x   |           | x         | x       | x      | x   | x      |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 39 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 40 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 41 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 42 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 43 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 44 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 45 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 46 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 47 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 48 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 49 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 50 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 51 |
|         |     |           |           |         |        |     |        |         |          |      |         |        |       |         |             |           |          |         |       |        |       |        |        |             |         | 52 |

技術資料

有機の油、溶剤に対する抵抗性は、原則として試料を室温で48時間浸漬し、重量変化率を測定して下記によって分類しました。(ポリマー辞典より引用)  
 = 重量変化率 10%以下      = 重量変化率 11~30%      = 重量変化率 31~100%      x = 重量変化率 101%以上  
 上記のほか、チョコレートがビールやミルクなどに対して「x」になっているのは、悪臭により食品用途に適さないためです。  
 注：特に断わりのない限り、水性溶液の濃度は飽和状態、温度は常温(RT)である。