

Elastollan® 685 A 10U

Thermoplastic Polyurethane Elastomer (Polyester)

Elastogran GmbH

| General | |
|-----------------|----------------------|
| Material Status | • Commercial: Active |
| Availability | • Europe |
| Appearance | • Clear/Transparent |
| Forms | • Pellets |

| Physical | Nominal Value | Unit | Test Method |
|----------|---------------|-------------------|-------------|
| Density | 1.21 | g/cm ³ | ISO 1183 |

| Mechanical | Nominal Value | Unit | Test Method |
|------------------------|---------------|------|-------------|
| Tensile Stress (Break) | 55.0 | MPa | ISO 527-2 |
| Tensile Strain (Break) | 600 | % | ISO 527-2 |

| Elastomers | Nominal Value | Unit | Test Method |
|------------------------------|---------------|------|-------------|
| Tensile Stress (100% Strain) | 5.50 | MPa | ISO 37 |
| Tear Strength | 75 | kN/m | ISO 34-1 |
| Compression Set | | | ISO 815 |
| 23°C | 25 | % | |
| 70°C | 45 | % | |

| Hardness | Nominal Value | Unit | Test Method |
|--------------------------|---------------|------|-------------|
| Shore Hardness (Shore A) | 86 | | ISO 868 |

Additional Information

Note: These properties were tested in accordance with the DIN test standard.
 Stress at 20% elongation, DIN 53504: 2.5 Mpa
 Abrasion Loss, DIN 53516: 35 mm³
 Tensile Strength After Storage in Water, DIN 53504, 80°C for 42 days: 40 Mpa
 Elongation at Break After Storage in Water, DIN 53504, 80°C for 42 days: 650 %

Notes

¹ Typical properties: these are not to be construed as specifications.

Dongguan Yi-Ming Plastic Chemical Co., Ltd.

如需要更多物性资料请查阅 www.kedisujiao.com

备注：以上原料物性数据由IDES发布,我公司仅提供参考！数据如有变动，请联系原料生产厂家获知。我公司不承担任何法律责任！