

Elastollan® S 90 A 50

Thermoplastic Polyurethane Elastomer (Polyester)

Elastogran GmbH

| General | | | | |
|--------------------------------|----------------------|---------------|-------------------|-------------|
| Material Status | • Commercial: Active | | | |
| Availability | • Europe | | | |
| Forms | • Pellets | | | |
| Physical | | Nominal Value | Unit | Test Method |
| Density | | 1.24 | 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 | | | | ISO 37 |
| 100% Strain | | 9.00 | MPa | |
| 300% Strain | | 13.0 | MPa | |
| Tear Strength | | 95 | kN/m | ISO 34-1 |
| Compression Set | | | | ISO 815 |
| 23°C | | 25 | % | |
| 70°C | | 45 | % | |
| Impact | | Nominal Value | Unit | Test Method |
| Charpy Notched Impact Strength | | | | ISO 179 |
| -30°C | | No Break | | |
| 23°C | | No Break | | |
| Hardness | | Nominal Value | Unit | Test Method |
| Shore Hardness | | | | ISO 868 |
| Shore A | | 93 | | |
| Shore D | | 41 | | |
| Additional Information | | | | |

Note: These properties were tested in accordance with the DIN test standard.
 Stress at 20% elongation, DIN 53504: 6 Mpa
 Abrasion Loss, DIN 53516: 30 mm³

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！