

# Elastollan® B 85 A 11S

## Thermoplastic Polyurethane Elastomer (Polyester)

### Elastogran GmbH

| General         |                            |
|-----------------|----------------------------|
| Material Status | • Commercial: Active       |
| Availability    | • Europe                   |
| Features        | • Good Abrasion Resistance |
| Forms           | • Pellets                  |

| Physical | Nominal Value | Unit              | Test Method |
|----------|---------------|-------------------|-------------|
| Density  | 1.19          | g/cm <sup>3</sup> | ISO 1183    |

| Mechanical             | Nominal Value | Unit | Test Method |
|------------------------|---------------|------|-------------|
| Tensile Stress (Break) | 50.0          | MPa  | ISO 527-2   |
| Tensile Strain (Break) | 600           | %    | ISO 527-2   |

| Elastomers    | Nominal Value | Unit | Test Method |
|---------------|---------------|------|-------------|
| Tear Strength | 80            | kN/m | ISO 34-1    |

| Impact                         | Nominal Value | Unit | Test Method |
|--------------------------------|---------------|------|-------------|
| Charpy Notched Impact Strength |               |      | ISO 179     |
| -20°C                          | No Break      |      |             |
| 23°C                           | No Break      |      |             |

| Hardness                 | Nominal Value | Unit | Test Method |
|--------------------------|---------------|------|-------------|
| Shore Hardness (Shore A) | 83            |      | ISO 868     |

#### Additional Information

Note: These properties were tested in accordance with the DIN test standard.  
 Tensile Strength After Storage in Water, DIN 53504, 80°C for 42 days: 35 Mpa  
 Elongation at Break After Storage in Water, DIN 53504, 80°C for 42 days: 600 %

#### Notes

<sup>1</sup> 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](http://www.kedisujiao.com)

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