

# Elastollan® B 60 D 11U

## Thermoplastic Polyurethane Elastomer (Polyester)

### Elastogran GmbH

| General                        |                      |               |                   |             |
|--------------------------------|----------------------|---------------|-------------------|-------------|
| Material Status                | • Commercial: Active |               |                   |             |
| Availability                   | • Europe             |               |                   |             |
| Additive                       | • UV Stabilizer      |               |                   |             |
| Forms                          | • Pellets            |               |                   |             |
| Physical                       |                      | Nominal Value | Unit              | Test Method |
| Density                        |                      | 1.23          | g/cm <sup>3</sup> | ISO 1183    |
| Mechanical                     |                      | Nominal Value | Unit              | Test Method |
| Tensile Modulus                |                      | 240           | MPa               | ISO 527-2   |
| Tensile Stress (Break)         |                      | 55.0          | MPa               | ISO 527-2   |
| Tensile Strain (Break)         |                      | 500           | %                 | ISO 527-2   |
| Elastomers                     |                      | Nominal Value | Unit              | Test Method |
| Tensile Stress                 |                      |               |                   | ISO 37      |
| 100% Strain                    |                      | 16.0          | MPa               |             |
| 300% Strain                    |                      | 30.0          | MPa               |             |
| Tear Strength                  |                      | 150           | kN/m              | ISO 34-1    |
| Compression Set                |                      |               |                   | ISO 815     |
| 23°C                           |                      | 35            | %                 |             |
| 70°C                           |                      | 45            | %                 |             |
| Impact                         |                      | Nominal Value | Unit              | Test Method |
| Charpy Notched Impact Strength |                      |               |                   | ISO 179     |
| -20°C                          |                      | 12            | kJ/m <sup>2</sup> |             |
| 23°C                           |                      | No Break      |                   |             |
| Hardness                       |                      | Nominal Value | Unit              | Test Method |
| Shore Hardness (Shore D)       |                      | 57            |                   | ISO 868     |
| Additional Information         |                      |               |                   |             |

Note: These properties were tested in accordance with the DIN test standard.  
 Stress at 20% elongation, DIN 53504: 13 Mpa  
 Abrasion Loss, DIN 53516: 25 mm<sup>3</sup>  
 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: 450 %

#### 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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