

Thermoplastic Polyurethane (TPU), Ester-Based

## NORDFLEX® TPU S 95-A VI

### Product Description:

NORDFLEX® TPU S 95-A VI is a newly developed ester-based thermoplastic polyurethane (TPU) characterized by high mechanical performance and very good functional properties. The material offers excellent wear resistance, pronounced damping and recovery behavior, as well as very good low-temperature flexibility. In addition, it provides good resistance to oils and solvents and outstanding abrasion resistance.

Property	Unit	Value	Standard
Hardness (after 3 s)	Shore A	95 (+/- 3)	ISO 48-4
Hardness (after 3 s)	Shore D	23 (+/- 1,5)	ISO 48-4
Elongation at Tensile Strength	%	570	ISO 37
Tensile Strength	MPa	42	DIN 527
Elongation at Break	%	572	DIN 527
Tear Resistance	N/mm	60	ISO 34-1
Tear Force	N	250	ISO 1131
Modulus of Elasticity (E-Modulus)	MPa	108	ISO 527

### Health and Safety Information:

Before processing this material, it must be ensured that all persons involved are informed about the necessary safety measures. The information contained in the respective Safety Data Sheet (MSDS) provided by the manufacturer shall apply.

### Delivery Form and Storage:

NORDFLEX® TPU S 95-A VI is supplied in bags, BigBags, or Octabins.

\*The expected minimum shelf life is 12 months from the date of shipment, provided the material is stored dry, cool, and in the original manufacturer's packaging.

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