



Technical Datasheet: PU 4525

Product Description:

LARIPUR 4525/4525EG is a quality polyester based TPU. The standard version is used e.g. for the production of technical items, sport soles, cattle tags while the EG one is used for the extrusion of hoses, profiles, transmission belts and films.

Applications:

Is designed for processing by injection molding and extrusion.

Typical data:

| Property | Test method | Unit | value |
|-----------------------|-------------|--------------------|-------|
| Specific Gravity | DIN 53479 | gr/cm ³ | 1.22 |
| Shore Hardness/td> | DIN 53505 | A/D | 46D |
| Abrasion Loss | DIN 53516 | mm ³ | 35 |
| Tensile Modulus: 50% | | | 10.7 |
| 100% | DIN 53504 | N/mm ² | 12.9 |
| 300% | | | 17.9 |
| Tensile Strength | DIN 53504 | N/mm ² | 56.8 |
| Elongation at Break | DIN 53504 | % | 530 |
| Tear Strength | DIN 53515 | N/mm | 120 |
| Vicat Softening Point | ISO 306 | °C | 120 |
| Flexural Modulus | ISO 178 | N/mm ² | - |
| Compress Sat 70h/23°C | | | 28 |
| 22h/70°C | DIN 53517 | % | 48 |

* Typical values not to be construed as specifications.