

Technical Data Sheet

Tarecpur[®] 60

Polyurethane (PUR) Insulation



General Technical Properties

| Property | Test Method | Unit | Typical Value | |
|------------------------------|-------------------------------|-------------------|--------------------------|---------------------|
| Density | EN ISO 845 | kg/m ³ | 60 ±3 | |
| Thermal Conductivity | EN 12667 at +10°C | | 0,021 | |
| | Initial | W/m K | 0,026 | |
| | Aged (25 weeks @ 70°C) | W/m K | Refer to DoP | |
| | EN 14308 at +10°C | W/m K | | |
| Color | | | Cream | |
| Closed Cell Content | EN ISO 4590 (meth. 1) | % | ≥ 95 | |
| Compression Behaviour | EN 826 at +23°C | | <u>Strength</u> | <u>E-Modulus</u> |
| | Direction of Rise | kPa | 500 | 20·10 ³ |
| | Cross-machine Direction | kPa | 340 | 13·10 ³ |
| | Machine Direction | kPa | 470 | 10·10 ³ |
| Tensile Behaviour | EN 1608 at +23°C | | <u>Strength</u> | <u>E-Modulus</u> |
| | Direction of Rise | kPa | 700 | 2,6·10 ³ |
| | Cross-machine Direction | kPa | 530 | 3,0·10 ³ |
| | Machine Direction | kPa | 680 | 3,5·10 ³ |
| Flexural Behaviour | EN 12089 at +23°C | | <u>Strength</u> | <u>E-Modulus</u> |
| | Direction of Rise | kPa | 1000 | 20·10 ³ |
| | Cross-machine Direction | kPa | 800 | 11·10 ³ |
| | Machine Direction | kPa | 800 | 10·10 ³ |
| Shear Behaviour | EN 12090 at +23°C | | <u>Strength</u> | <u>E-Modulus</u> |
| | Cross-machine Direction | kPa | 350 | 3,0·10 ³ |
| | Machine Direction | kPa | 370 | 3,4·10 ³ |
| Linear Dimensional Stability | EN 1604 | | | |
| | +93°C for 24 hours | % | ≤ 0,5 | |
| | -30°C for 24 hours | % | ≤ 1 | |
| | +70°C and 95% RH for 48 hours | % | ≤ 3 | |
| Service Temperature Limits | Maximum | °C | +100 | |
| | Minimum | °C | -50 | |
| Water Absorption | ASTM D 2842 - Proc. B | vol. % | 5 | |
| Water Vapour Permeability | EN 12086 | Ng/Pa.s.m | ≤ 5,5 | |
| Linear Expansion Coefficient | EN 13471 | K ⁻¹ | 40-70 x 10 ⁻⁶ | |

Kingspan Insulation NV
 Visbeekstraat 24
 B - 2300 Turnhout, Belgium
 ☎ +32 14 44 25 25
 📠 +32 14 42 72 21
 📧 Sales.be@kingspan.com
 www.kingspaninsulation.com

Techline

For all technical enquiries,
 please contact the **Kingspan Techline**:
 ☎ +32 14 44 25 36
 📧 Techline.industry@kingspan.com