

| Physical Features | Test Method | Units | XLPE |
|--|--------------------------|--------------------|-------------------------|
| Density | ISO 845 | kg/m ³ | 30 ± %10 |
| Maximum Force Fmax | ASTM D3575 | kN | 32,4 |
| Elongation at max force | ASTM D3575 | mm | 42,3 |
| Tensile Strength | ASTM D3575 | kN/mm ² | 0,3 |
| Fracture Force | ASTM D3575 | kN | 30,9 |
| Elongation - Transversally | ASTM D3575 | % | 142,9 |
| Elongation-longitudinally | ASTM D3575 | % | 118,8 |
| Yield Stress | ASTM D3575 | kN/mm ² | 7,7 |
| Compression Resistance %25 Compress %50 Compress %75 Compress | ISO 844 | MPa | 0,035 0,086 0,212 |
| Permanent Deformation %50, 72 hours | EN ISO 1856:1999 | % | 5 |
| Hardness | TS 2013 EN ISO 1856:1999 | Shore A | 15 |
| Flammability-Automotive | FMVSS 302 | mm/dk | N.A. |
| Thermal Conductivity | TS EN 12667 | W/Mk | 0,0352 |
| Water Absorption | TS EN 12087:2002 | kg/m ² | 0,10 |
| Fire Response Class | TS EN 13501-1:2007 | | E |
| Flammability | TS EN 11925-2:2004 | | PASS |
| Utilisation Temperature | | °C | -40 +120 |
| Dimensional Stability-Transversally (48 hours 70 °C) | TS EN 1604 | % | 0,3 |
| Dimensional Stability-longitudinally (48 hours 70 °C) | TS EN 1604 | % | 0,8 |

NOTE: Typical values measured on a 20 mm thick sample are shown.

Other Features

- Easy to use and install.
- Effective sound absorption capacity.
- Closed cell structure.
- Low heat permeability.
- Ideal flexible structure.
- Structure is not affected by chemicals.
- It does not smell.
- It is environmentally friendly.
- Single and double face foil film tape and fabric lamination on request.
- Plate production up to 100 mm thickness .
- Customized color production.

Compatible with standards RoHS and REACH

XLPE, Restriction of Hazardous Materials which limits the use of lead and other toxic substances which may harm the environment(RoHS, Restriction of Hazardous Substances) sproduced in compliance with standards.
It complies with European Union Directive 2001/95 / EC and REACH Standards.

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