**DATA SHEET**

**TEXELL HD**

 **ISO Standard Unit Result**

Density ISO - 845 kg/m³ 45

Tensile Strength ISO – 1798 kPa 446

Tensile Elongation ISO – 1798 % 227

Compression 10% ISO – 844 kPa 83

Compression 25% ISO – 844 kPa 100

Compression 50% ISO – 844 kPa 168

Compression Set 25%

0.5 hrs after discharge ISO – 1856 % 7

Compression Set 25%

24 hrs after discharge ISO – 1856 % 2

Compression Set 50%

0.5 hrs after discharge ISO – 1856 % 21

Compression Set 50%

24 hrs after discharge ISO – 1856 % 9.5

Working Temperature Range Internal ˚C -60 / + 90

Water Absorption % Vol (max) Internal % 1

Thermal Conductivity @ 10°C ASTM C177 W/mK 0.044

Thermal Conductivity @ 40°C ASTM C177 W/mK 0.046

Shore ISO - 868 OO 61

Flammability FMVSS302 mm/min 43

* Texell HD is a closed cell cross-linked polyethylene foam block.
* Dimensional Stability 24 hr at 70C < 2%
* Dimensional Stability 24 hr at 90C < 5%
* If holes were created during the foaming process, no more than 5 holes of diameter 2mm per 1m2 sheet are acceptable.
* This information is presented to the best of our knowledge.
* Data represents typical values measured on 10mm thick specimen and should be considered as a guideline only.