

## TECHNICAL DATA SHEET

|                |                     |
|----------------|---------------------|
| <b>QUALITY</b> | <b>PE33 FR</b>      |
| <b>COLOUR</b>  | <b>Light Grey</b>   |
| <b>SIZE</b>    | <b>2000x1500 mm</b> |

Our quality PE33 is a closed cell cross-linked polyethylene foam sheet produced in an extrusion process. The dimensional stability during 24 hours at 70°C is below 2%.

| Description               | Standard   | Value   | Unit              |
|---------------------------|------------|---------|-------------------|
| Density                   | ISO 845    | 29      | Kg/m <sup>3</sup> |
| Tensile Strength – MD*    | ISO 1798   | 301     | KPa               |
| Tensile Strength – TD**   | ISO 1798   | 218     | KPa               |
| Elongation – MD*          | ISO 1798   | 91      | %                 |
| Elongation – TD**         | ISO 1798   | 111     | %                 |
| Compression Strength 10%  | ISO 844    | 18      | KPa               |
| Compression Strength 25%  | ISO 844    | 39      | KPa               |
| Compression Strength 50%  | ISO 844    | 96      | KPa               |
| Compression Set 25% 0.5hr | ISO 1856   | 18      | %                 |
| Compression Set 25% 24hr  | ISO 1856   | 10      | %                 |
| Compression Set 50% 0.5hr | ISO 1856   | 43      | %                 |
| Compression Set 50% 24hr  | ISO 1856   | 32      | %                 |
| Working Temperature Range | Internal   | -60/+90 | °C                |
| Water Absorption Vol(max) | Internal   | 1       | %                 |
| Shore-OO                  | ASTM D2240 | 48      | 00                |

|                       |  |
|-----------------------|--|
| <b>FR Standards</b>   | UL94 HF-1                                  |
| <b>Compliant with</b> | REACH                                      |
|                       | Conflict Mineral reporting Template (CMRT) |

\* MD – Machine direction – along the extruder axis

\*\* TD – Traverse direction – Perpendicular to the extruder's axis

*The values provided in this product information represent data gathered from random samples of our production and represent typical data. These are given to the best of our knowledge and should be considered as guidance for selecting a suitable grade for a given application.*

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