

TECHNICAL DATA SHEET

QUALITY	PE2800 XL ECO
COLOUR	Black
SIZE	2400x1200 mm

Our quality PE2800 XL ECO is a closed cell cross-linked polyethylene foam sheet produced in an extrusion process.

It contains between **30% and 60% of recycled pre-consumer LDPE content**.

Description	Standard	Value	Unit
Density	IE-03*	28	Kg/m ³
Tensile Strength	IE-06*	147	KPa
Elongation	IE-06*	119	%
Compression Strength 10%	IE-05*	35	KPa
Compression Strength 25%	IE-05*	52	KPa
Compression Strength 50%	IE-05*	110	KPa
Compression Strength 25%, 22h <i>½ h Recovery</i>	IE-07*	14	%
Compression Strength 25%, 22h <i>24 h Recovery</i>	IE-07*	5	%
Cell siez	IE-09*	<0.5	Mm
Maximum Working Temperature	IE-02*	100	°C
Water Absorption Vol(max)	DIN 53428	1	%
Thermal Conductivity at 10°C	ISO 2581	NA	W/mK
Thermal Conductivity at 40°C	ISO 2581	NA	W/mK
Flammability thickness 10 mm	ISO 3795	<100	Mm/min

* The internal methods IE-03, IE-04, IE-05, IE-06, IE-07 and IE-09 are based by standards ISO 1923, ISO 845, ISO 844, ISO 1926 and ISO 1856-B, respectively.

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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Where this material is used in conjunction with other goods or materials, it is the responsibility of the user to obtain the manufacturers or suppliers of the other goods or materials all technical data and other properties relating to those other goods or materials. No liability can be accepted in respect of the use of goods or materials in conjunction with any other goods or materials.

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