

## TECHNICAL DATA SHEET

<b>QUALITY</b>	<b>PE3300 ECO</b>
<b>COLOUR</b>	<b>Black</b>
<b>SIZE</b>	<b>2100x1200 mm</b>

Our quality PE3300 BIO is a closed cell soft elastic chemically cross-linked polyethylene foam. The polymer, that makes up 75% of the formulation, is sustainably produced and ISCC certified. This quality contains no fillers or emollients (oils).

Description	Standard	Value
Density	ISO 845	30 (+/-4) Kg/m <sup>3</sup>
Application temperature	Without standard	-40 °C to 100 °C
Dimension stability	Internal test	< 3 % (24h at 100°C)
Outdoor exposure	ISO 877-1	Slight embrittlement of the surface
Ozone resistance	ISO 1431-1	Resistance to cracking (0)
Compression set	ISO 1856	25% compression (22h at 23°C) < 12% (0.5 hour after recovery) < 6% (24 hours after recovery)
Compression deflection	ISO 3386	1 st Cycle ≤ 65 kPa at 25% compression ≤ 140 kPa at 50% compression  4 th Cycle ≤ 50 kPa at 25% compression ≤ 120 kPa ≤ 140 kPa at 50% compression
Water uptake	ISO 7214	< 5 %
Tensile strength	ISO 1798	> 300 kPa
Elongation at break	ISO 1798	> 100%
Tear resistance	ISO 1798	> 15 N/cm
Rebound resilience	ISO 4662	55 +/- 5%
Shore hardness	USI 868	50 +/- 5 Shore 00
Electrical conductance	EN 61340	> 1,0 TΩ
Thermal conductivity	ISO 8302	< 0.035 W/mK

<b>FR Standards</b>	FMVSS302 – 8 mm/min thickness	Passed at > 10 mm
<b>Compliant with</b>	2011/65/EU & (EU) 2015/863 RoHS	
	(EG) Nr. 1907/2006 REACH	
	Conflict Mineral Reporting Template (CMRT)	

*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.*

*Last update: 03/08/2023*