

TECNIFOAM, S.L.	PRODUCT DATASHEET	Page 1/2 Revision: 02 Code: RC-06.04
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1- NAME OF EVA PRODUCT AND REFERENCE.

UNICHEM EVA BIO PHOENIX 808 1.4 SHORE A 45

REF. EVA BIO PHOENIX 808 1.4 SHORE A 45 CROSSLINKED COMPOUND.

2- METHOD OF TRANSFORMATION AND CONDITIONS.

HEAT INJECTION.

FEATURES OF TRANSFORMATION:

FEATURE	TECHNICAL VALUE
BARREL TEMPERATURE	100 °C
MOLD TEMPERATURE	180 °C
CYCLE TIME	450''
EXPANSION RATIO	1.4

3- PROPERTIES OF THE FINAL EVA PRODUCT.

PROPERTY*	TECHNICAL VALUE	UNIT	TEST METHOD
DENSITY	0.32-36	g/cm ³	UNE-ISO 2781:2015
HARDNESS	44-48	° SHORE A	UNE-EN ISO 868:2003
ABRASION (10N)	≤450	mm ³	UNE-EN 12770:2000

* The characteristics above come from our laboratory of analysis, reason why they are considered of reference and they could vary according to the kind of piece and characteristics. You should consult our technical department for more information.

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4- CONDITIONS OF USE AND STORAGE **.

TECNIFOAM warns that the properties of use of the material, both uninjected and injected will be preserved as long as they respect some conditions that, without being exclusive of others, the following stand out:

4.1 Transport of unprocessed pellets.

In order to ensure the quality and characteristics of the final product, it will be in temperatures between 5-45 degrees, away from direct sunlight, moisture and aggressive or degradable chemical agents (acids, bases, organics, etc.).

4.2 Processing plant.

- The product will be away from any chemical agent that can degrade it as acids and bases, organic compounds, etc.
- It will be kept away from physical agents such as sources and environments of heat above 30°C and cold below 15°C.
- Remove it from aggressive radiations like UV and IR.
- The product will be injected in an environment with temperatures above 15 and away from drafts to maintain optimum quality characteristics.
- The pellets may not be mixed with other chemicals or other similar materials from other suppliers in order not to lose qualities of the processed product.
- The recommended time of use of the pellets is 5 months in storage conditions between 0-40 degrees, away from direct sunlight, moisture and aggressive or degradable chemicals (acids, bases, organic, etc.).

4.3 Transport of the processed product.

-In order to ensure the quality and characteristics of the final product, it will be in temperatures between 5-45 degrees, away from direct sunlight, moisture and aggressive or degradable chemical agents (acids, bases, organics, etc.).

4.4 Storage product transformed and customer exposure.

- In order to ensure the quality and characteristics of the final product, it will be in temperatures between 5-45 degrees, away from direct sunlight, moisture and aggressive or degradable chemical agents (acids, bases, organics, etc.).
- Avoid exposure to UV radiation.

** Technical and legal note:

Failure to comply with and respect for these indications will extinguish any responsibility on the part of TECNIFOAM on the guarantees of the product sold, since the EVA material sold could undergo changes at the chemical level and not give the same quality results (abrasion, hardness, expansion, etc.).

Please contact the Technical Department of TECNIFOAM to resolve any doubts.