

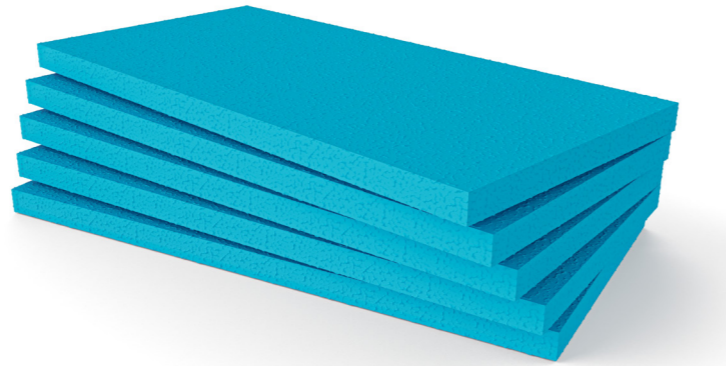
ESTALENE FOAM 45

Solution for technical XPET Foam



Fi-Plast is an innovative compounding company, leader in the production of several high performance materials for applications where sustainability is a key factor, that's been active on the global market since 2007. Basing its know how on the almost 60 years experience of Cossa Polimeri, the mother company, **Fi-Plast has recently developed a new range of materials dedicated to the production of PET Foam.**

In this range the **Estater Foam 45** is a melt enhancer that has shown an outstanding efficiency in helping producers of technical XPET foam to reach the best mechanical properties coupled with high throughputs and very low densities.



In particular **Estater Foam 45** at very low percentages, thanks to its extremely precise modulability, **allows transformers to reach the maximum throughput and the lowest density in very stable conditions**, optimizing the costs and the quality of the final product either in annular or flat die technology. **Estater Foam 45** is in pellets form simplifying sensibly the customer's process.

DATA SHEET

Product description Estater Foam 45 is a regrading masterbatch produced through a compounding process.

Physical form Pellet

Main features The product can be used for the regrading of polyesters and polyolefins in processes where the polymers are subject to degradation.

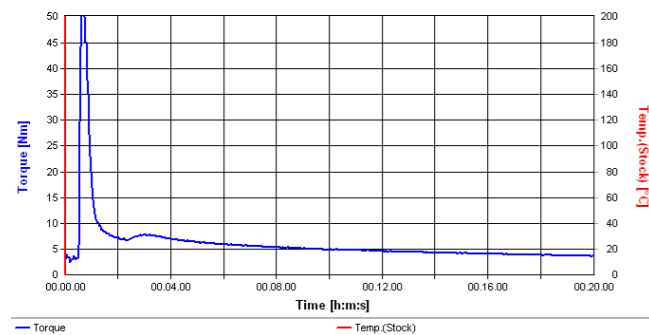
Application Extrusion and thermoforming of foams

| Technical data | Test methods | Value |
|---------------------|--------------------------------|----------|
| Ashes | Internal method (550°C-12 min) | 10 ± 2 % |
| Melting temperature | DSC | 83°C |

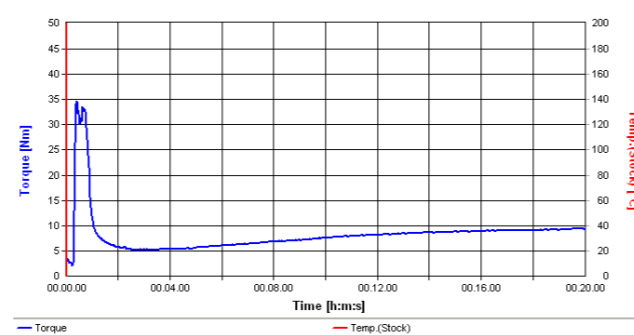
Recommended Use The temperature during transportation and storage must not exceed 50°C. Storage in direct sunlight should be avoided; a bag cannot remain open for more than 12 months at room temperature (23°C). Dehumidification of the compound is strongly recommended before the process at 55°C for at least 4 hours. Activation temperature: 190-250°C

MELT STRENGTH

STANDARD



ESTATER FOAM 45



Data source: Bioware (Spin-Off University Roma Tre)

The information contained in this data sheet is for informational purposes only and is provided as a guide for the process and storage of the material. The plotted values refer to the semi-crystalline polymer. This information may not be applicable if the material is handled and/or stored incorrectly.



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