

PEF-IV05**PEF granules ; intrinsic viscosity ≥ 0.5** **IDENTIFICATION**

Chemical name	Polyethylene furanoate
CAS-No.	27598-47-6
HS-No.	3907 9980

SPECIFICATIONS

PROPERTY	VALUE	METHOD
Form (22 °C)	solid	visual
Appearance	beige granules	visual
Intrinsic viscosity (dl/g)	≥ 0.5	DIN EN ISO 1628-5
Mn; Number average molar mass (g/mol)	$\geq 10'000$	AVA internal; GPC
Mw; Mass average molar mass (g/mol)	$\geq 30'000$	AVA internal; GPC
Tm; Metling temperature (°C)	200 – 211	ISO 1218 (in metal block)

TECHNOLOGY & ADDITIVES

Produced applying melt polycondensation. No preservatives and antioxidants used.

SHELF LIFE AND STORAGE CONDITIONS

PEF-IV05 has a shelf life of 12 months from the date of manufacture when stored in original, unopened containers at 20-25°C under dry conditions. As with all industrial chemicals this material should be stored in a covered, secure location and never in direct sunlight. Depending on the ambient humidity, the water content can increase over time.

Disclaimer

This information is the best of our current knowledge. Specifications are included in the Certificate of Analysis. Other typical properties are analyzed on an irregular basis and not part of the Certificate of Analysis.

The information on the technical datasheet provided herein is not binding to the product specification confirmed by AVA Biochem in a written Sales Agreement.

AVA Biochem expressly disclaims any responsibility for the suitability of the products for any specific or particular purposes intended by the user.

Safety information regarding the products is contained in the Safety Data Sheet. Suggestions for the use and application of the products and guide formulation are given for information purposes only and without commitment. They do not discharge AVA Biochem's customers from testing the products as to their suitability for the customer's intended processes and purposes. AVA Biochem does not assume any liability or risk involved in the use of its products as the conditions of use are beyond its control. The user of the products is solely responsible for compliance with all laws and regulations applying the use of the products, including the intellectual property rights of third parties. This document may be superseded by a later issue.

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