

PEF-IV07**PEF granules ; intrinsic viscosity ≥ 0.7** **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)	≥ 0.7	DIN EN ISO 1628-5
Mn; Number average molar mass (g/mol)	$\geq 20'000$	AVA internal; GPC
Mw; Mass average molar mass (g/mol)	$\geq 50'000$	AVA internal; GPC
Tm; Melting temperature (°C)	200 – 211	ISO 1218 (in metal block)

TECHNOLOGY & ADDITIVES

Produced applying melt polycondensation followed by solid state polymerisation. No preservatives and antioxidants used.

SHELF LIFE AND STORAGE CONDITIONS

PEF-IV07 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.

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