

## TECHNICAL DATA SHEET

# PTFE FLUOROPLAST-4 grade F-4MN

### PRODUCT OVERVIEW

FLUOROPLAST-4 grade F-4MN, the PTFE powder intended for the manufacture of the general-purpose articles used in less demanding conditions.

### TYPICAL APPLICATIONS

General-purpose articles.

### PACKING

14 kg PE drums on wooden pallet boards.

### Typical properties

Properties	Units	Typical Value <sup>1)</sup>	Test Method
Appearance	-	Easily-lumping white powder without visible foreign inclusions <sup>3)</sup>	Visual (internal method <sup>2)</sup> )
Moisture mass fraction	%, max	0.02	internal method <sup>2)</sup>
Density	g/cm <sup>3</sup> , max	2.22	internal method <sup>2)</sup>
Tensile strength (unhardened specimen)	MPa, min	10	internal method <sup>2)</sup>
Elongation at break (unhardened specimen)	%, min	150	internal method <sup>2)</sup>
Bulk density	g/l	400-650	internal method <sup>2)</sup>

Note:

- 1) Typical properties are not suitable for specification purposes. For detailed specification please contact the commercial department.
- 2) The parameters are indicated according to Technical Specifications (TU), because the manufactured products are analyzed in accordance with the internal company standard. The procedure of sample preparation differs from that in ASTM, ISO, DIN.
- 3) Products made of fluoroplast-4 of the modified F-4MN brand in the form of plates, bushings, rods after heat treatment according to the TU modes have a grayish-yellowish tint in transmitted light and inclusions up to 1.0 mm in size

**REGULATIONS:** HaloPolymer does not use PFOA/APFO or its salts/LCPFAC in the process of polymerization of TFE.

QMS for production is certified:

ISO 9001:2015

AS/EN/JISQ 9100 (OIN: 6147662240)

IATF 16949

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