

TECHNICAL DATA SHEET

Emulsion PTFE (fine powder)
FLUORPLAST® DE, DL

Halopolymer PTFE fine powder type D is a product designed for lubricated paste extrusion at reduction ratios up to 600 : 1. Product is PFOA free.

- Product overview: Suited for paste extrusion of pipes and rods for chemical, mechanical, electric applications.
- Typical applications: Paste extrusion: pipes, tubes, unsintered tape.
- Availability: 9 kg Cardbox with polyethylene insert.
- Technical and Application Assistance: Contact our customer support team:
Tel. +7 495 725 44 00
e-mail: halosupport@hpol.ru

TYPICAL PROPERTIES OF FLUOROPLAST DE, DL

Properties	Test Method	Units	Typical Value, DL	Typical Value, DE
ASTM Type/Grade	ASTM D4894	-	Type 1 Grade 2	Type 1 Grade 2
Bulk density	ASTM D4894	g/l	450 ± 50	450 ± 50
Average particle size (d_{50})	Internal, Laser Scatt.	µm	400-500	400-500
Std. specific gravity	ASTM D4894	g/cm ³	2.19	2.19
Tensile strength	ASTM D4894	MPa	24	24
Elongation at break	ASTM D4894	%	350	340
Extrusion pressure at RR 400 : 1	Internal	MPa	35	35

CERTIFICATION

Certificate of conformity FDA 21 CFR 177.1380 & FDA 21 CFR 177.1550	PTFE	Intertek Polychemlab	USA
Certificate of conformity Class VI acc. USP 35 <88>	PTFE	Pacific BioLabs	USA
Declaration of Compliance commission reg. (EU) 10/2011	PTFE	SGS Multilab	EU

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