

## TECHNICAL DATA SHEET

## TFE-HFP COPOLYMER FTORPLAST FEP POWDER

### PRODUCT OVERVIEW

Ftorplast FEP powder, intended for processing by extrusion, injection molding, melt-spinning, pressing.

### TYPICAL APPLICATIONS

Insulation of wires, cables, manufacture of films, sheets, tubes, rods.

### PACKING

10 kg cardboard boxes with polyethylene inserts on wooden pallet boards.

### Typical properties

Properties	Units	Typical Value <sup>1)</sup>				Test Methods
		001	002	004	006	
Appearance	-	White crystal powder				visual
Melt-flow rate*	g/10min.	1-1.9	2-3.9	4-5.9	6-7.9	ASTM D1238, 372°C(702°F) @ 5 kg
Tensile strength, min	MPa (psi, lb/sq in)	27 (3916)		24 (3481)		ASTM D638
Elongation at break (unhardened specimen), min	%	310				ASTM D638
Melting point	°C (°F)	230 – 265 (446 – 509)				ASTM D3418, DSC
Volatiles loss, max	wt, %	0.3				3hrs @ 300°C (572°F)
Specific gravity	g/cm <sup>3</sup> (lb/in <sup>3</sup> )	2.14 – 2.17 (0.0773 – 0.0784)				ASTM D792

\*Reference: The supplied lot of Goods shall have the Melt-Flow Rate within the range to be agreed upon by the Parties in Additional Agreement to the Contract.

Note:

- 1) Typical properties are not suitable for specification purposes. For detailed specification please contact the commercial department.

QMS for production is certified:

ISO 9001:2015

For additional information please contact Commercial Department:

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