

TECHNICAL DATA SHEET

TFE-HFP COPOLYMER FTORPLAST FEP GRANULATED

PRODUCT OVERVIEW

Ftorplast FEP granulated, 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 ¹⁾			Test Methods
		104	106	108	
Appearance	-	Transparent pellets			visual
Melt-flow rate*	g/10min.	4-5.9	6-7.9	8-11.9	ASTM D1238, 372°C(702°F) @ 5 kg
Tensile strength, min	MPa (psi, lb/sq in)	32 (4641)	30 (4351)	28 (4061)	ASTM D638
Elongation at break (unhardened specimen), min	%	340			ASTM D638
Melting point	°C (°F)	240 – 265 (464 – 509)			ASTM D3418, DSC
Volatiles loss, max	wt, %	0.18			3hrs @ 300°C (572°F)
Specific gravity	g/cm ³ (lb/in ³)	2.13 – 2.17 (0.0770 – 0.0784)			ASTM D792
Gel particles quantity, max	Qty/0.01sq m (15.5sq in)	5			19.7 mil film, thickness 100 µm

*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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