

DIN EN ISO 20568-2:2017-10 (E)

Plastics - Fluoropolymer dispersions and moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO 20568-2:2017)

Contents		Page
Foreword		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	6
4	Preparation of test specimens	6
5	Conditioning and test conditions	6
6	Determination of properties	6
7	Testing of PTFE	6
7.1	Testing of polytetrafluoroethylene (PTFE) granular moulding and ram extrusion materials, and for PTFE resin produced from coagulation of dispersion	6
7.1.1	Standard specific gravity (SSG)	6
7.1.2	Bulk density	8
7.1.3	Particle size and size distribution	12
7.2	Testing of polytetrafluoroethylene (PTFE) dispersion	19
7.2.1	Preparation of test samples	19
7.2.2	Percentage PTFE and surfactant in aqueous dispersion	19
8	Testing of melt processable fluoropolymers	20
8.1	Testing of CPT, ECTFE, EFEP, ETFE, FEP, PFA, PVDF, PVF, VDF/CTFE, VDF/HFP, VDF/TFE, VDF/TFE/HFP	20
8.1.1	Melting-peak temperature	20
8.1.2	Melt mass-flow rate (MFR)	20
8.2	Testing of PCTFE	22
8.2.1	Zero-strength time	22
8.3	Testing of TFE/PDD	22
8.3.1	Glass transition temperature	22
8.4	Testing of melt processable fluoropolymers dispersion	23
Bibliography		24
European foreword		3