

ISO 20568-2:2017-05 (E)

Plastics - Fluoropolymer dispersions and moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Preparation of test specimens	2
5	Conditioning and test conditions	2
6	Determination of properties	2
7	Testing of PTFE	2
7.1	Testing of polytetrafluoroethylene (PTFE) granular moulding and ram extrusion materials, and for PTFE resin produced from coagulation of dispersion	2
7.1.1	Standard specific gravity (SSG)	2
7.1.2	Bulk density	4
7.1.3	Particle size and size distribution	8
7.2	Testing of polytetrafluoroethylene (PTFE) dispersion	15
7.2.1	Preparation of test samples	15
7.2.2	Percentage PTFE and surfactant in aqueous dispersion	15
8	Testing of melt processable fluoropolymers	16
8.1	Testing of CPT, ECTFE, EFEP, ETFE, FEP, PFA, PVDF, PVF, VDF/CTFE, VDF/HFP, VDF/TFE, VDF/TFE/HFP	16
8.1.1	Melting-peak temperature	16
8.1.2	Melt mass-flow rate (MFR)	16
8.2	Testing of PCTFE	18
8.2.1	Zero-strength time	18
8.3	Testing of TFE/PDD	18
8.3.1	Glass transition temperature	18
8.4	Testing of melt processable fluoropolymers dispersion	19
Bibliography		20