

# ISO 20568-2:2017-05 (E)

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

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>1</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>2</b>
<b>4</b>	<b>Preparation of test specimens .....</b>	<b>2</b>
<b>5</b>	<b>Conditioning and test conditions .....</b>	<b>2</b>
<b>6</b>	<b>Determination of properties .....</b>	<b>2</b>
<b>7</b>	<b>Testing of PTFE .....</b>	<b>2</b>
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
<b>8</b>	<b>Testing of melt processable fluoropolymers .....</b>	<b>16</b>
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
<b>Bibliography .....</b>		<b>20</b>