

ISO 15527:2010-10 (E)

Plastics - Compression-moulded sheets of polyethylene (PE-UHMW, PE-HD) - Requirements and test methods

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Material	1
4	Requirements	2
4.1	Appearance	2
4.2	Dimensional tolerances	2
4.3	Properties	3
5	Test methods	4
5.1	Test specimens	4
5.2	Delivery condition	5
5.3	Appearance	5
5.4	Dimensions	5
5.5	Density	5
5.6	Determination of abrasion properties	5
5.7	Tensile stress at yield, σ_y, and tensile strain at yield, ϵ_y	5
5.8	Modulus of elasticity in tension, E_t	5
5.9	Impact strength of notched specimens	6
5.10	Melt mass-flow rate (MFR)	6
6	Designation	6
7	Marking	6
Annex A (normative) Requirements for rectangularity		7
Annex B (normative) Determination of abrasion properties		8
Annex C (informative) Example of apparatus for the determination of abrasion properties		10