

ISO 15527:2007-10 (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, y , and tensile strain at yield, γ		6
5.8 Modulus of elasticity in tension, E_t		6
5.9 Impact strength of notched specimens		6
5.10 Melt mass-flow rate (MFR)		6
6 Designation		6
7 Marking		7
Annex A (normative) Requirements for rectangularity		8
Annex B (normative) Determination of abrasion properties		9
Annex C (informative) Example of apparatus for the determination of abrasion properties		11