

ISO 15013:2022-02 (E)

Plastics - Extruded sheets of polypropylene (PP) - Requirements and test methods

Contents	Page
Foreword.....	iv
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	1
4 Material.....	1
5 Requirements.....	2
5.1 Appearance.....	2
5.2 Dimensional tolerances.....	2
5.2.1 Thickness.....	2
5.2.2 Length and width.....	2
5.2.3 Rectangularity.....	3
5.2.4 Bow of sheets in rolled form.....	3
5.3 Properties.....	3
5.3.1 Mechanical and thermal properties.....	3
5.3.2 Behaviour on heating.....	4
5.3.3 Physiological behaviour.....	4
6 Test methods.....	4
6.1 Test specimens.....	4
6.1.1 Preparation of test specimens.....	4
6.1.2 Conditioning.....	4
6.1.3 Testing.....	4
6.2 Delivery condition.....	4
6.3 Appearance.....	5
6.4 Dimensions.....	5
6.4.1 Thickness, h	5
6.4.2 Length, l , and width, b	5
6.4.3 Rectangularity.....	5
6.4.4 Bow of sheets in rolled form.....	5
6.5 Tensile stress at yield, σ_y , and tensile strain at yield, ε_y	5
6.6 Modulus of elasticity in tension, E_t	5
6.7 Charpy impact strength of notched specimens, a_{cn}	5
6.8 Melt mass-flow rate (MFR).....	6
6.9 Heat resistance.....	6
6.10 Determination of shrinkage on heating.....	6
7 Designation and order specification.....	7
7.1 Example for sheets.....	7
7.2 Example for sheets in rolled form.....	8
8 Marking.....	8
Annex A (normative) Requirements for rectangularity.....	9