

ISO 19095-3:2015-08 (E)

Plastics - Evaluation of the adhesion interface performance in plastic-metal assemblies - Part 3: Test methods

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Conditioning	1
4	Conditions of the specimens	1
5	Test procedure	2
5.1	Tensile strength	2
5.1.1	Apparatus	2
5.1.2	Specimens	2
5.1.3	Procedures	2
5.2	Tensile lap-shear strength	3
5.2.1	Apparatus	3
5.2.2	Test specimen	4
5.2.3	Procedure	4
5.2.4	Expression of results	4
5.3	Peel strength	4
5.3.1	Apparatus	4
5.3.2	Test specimens	6
5.3.3	Procedure	6
5.3.4	Expression of results	6
5.4	Bending strength	6
5.4.1	Apparatus	6
5.4.2	Test specimens	7
5.4.3	Procedure	7
5.4.4	Expression of results	7
5.5	Impact strength	7
5.5.1	Apparatus	7
5.5.2	Test specimens	7
5.5.3	Procedure	8
5.5.4	Calculation and expression of results	8
5.6	Sealing properties	8
5.6.1	Apparatus	8
5.6.2	Test specimens	8
5.6.3	Procedure	8
5.6.4	Expression of results	8
6	Test report	8
6.1	Tensile strength	8
6.2	Tensile lap-shear strength	8
6.3	Peel strength	8
6.4	Bending strength	9
6.5	Impact strength	9
6.6	Sealing properties	9

Annex A (normative) Spray method of sealing properties	10
Annex B (normative) Bell jar method of sealing properties	12
Bibliography	15