

ISO 17508:2025-10 (E)

Packaging - Transport packaging for dangerous goods - Compatibility testing of polyethylene, fluorinated polyethylene and co-extruded plastic

| Contents | | Page |
|--------------------|---|-------------|
| Foreword | | iv |
| Introduction | | v |
| 1 | Scope | 1 |
| 2 | Normative references | 1 |
| 3 | Terms and definitions | 2 |
| 4 | Apparatus | 2 |
| 5 | Test liquids | 4 |
| 5.1 | PFL-FR 2344 | 4 |
| 5.2 | PFL-FR 2323 | 4 |
| 6 | Test requirements | 5 |
| 6.1 | General | 5 |
| 6.2 | Procedure D -- Resistance to absorption | 6 |
| 6.2.1 | Principle | 6 |
| 6.2.2 | Selection and preparation of the test bottles | 6 |
| 6.2.3 | Determination of the tare mass | 6 |
| 6.2.4 | Filling the test bottles | 6 |
| 6.2.5 | Storage of the test bottles | 6 |
| 6.2.6 | Determination of the absorption | 7 |
| 6.3 | Procedure E - Determination of the tensile impact strength | 7 |
| 6.3.1 | Principle | 7 |
| 6.3.2 | Selection and preparation of the test bottles | 7 |
| 6.3.3 | Filling the test bottles | 7 |
| 6.3.4 | Deformation of the test bottles | 7 |
| 6.3.5 | Storage of the test bottles | 7 |
| 6.3.6 | Test specimens for determination of the tensile impact strength | 7 |
| 6.3.7 | Determination of the tensile impact strength | 8 |
| 7 | Test report | 9 |
| Bibliography | | 10 |