

ISO 8611-1:2011-05 (E)

Pallets for materials handling - Flat pallets - Part 1: Test methods

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Measurements	3
5	Precision and accuracy of tests and apparatus	4
6	Test load	4
7	List of tests	4
8	Tests	4
8.1	Test 1 -- Bending tests	4
8.2	Test 2 -- Forklifting tests	7
8.3	Test 3 -- Compression tests for blocks or stringers	9
8.4	Test 4 -- Stacking test	11
8.5	Test 5 -- Bottom deck bending tests	12
8.6	Test 6 -- Wing pallet bending tests	14
8.7	Test 7 -- Airbag bending tests	16
8.8	Test 8 -- Static shear test	18
8.9	Test 9 -- Corner drop test	19
8.10	Test 10 -- Shear impact tests	20
8.11	Test 11 -- Top deck edge impact test	22
8.12	Test 12 -- Block impact test	24
8.13	Test 13 -- Static coefficient of friction test	26
8.14	Test 14 -- Slip angle test	26
9	Test report	27
9.1	General information -- All materials	27
9.2	Information for wooden and wood-based composite pallets	28
9.3	Information for plastics pallets	28
9.4	Information for pallets made of other materials	28
Bibliography		29