

EN ISO 178 PLASTICS DETERMINATION OF FLEXURAL PROPERTIES

ASTM D 790 FLEXURAL PROPERTIES OF UNREINFORCED AND REINFORCED PLASTICS AND ELECTRICAL INSULATING MATERIALS

ASTM C 393 STANDARD TEST METHOD FOR CORE SHEAR PROPERTIES OF SANDWICH CONSTRUCTIONS

	Thickness [mm]	Width [mm]	Support span [mm]	Maximum Displacement [mm]
3	3.00	25.00	27.00	2.40
4	3.00	25.00	27.00	2.09
5	3.00	25.00	27.00	2.30
6	3.00	25.00	27.00	2.22
7	3.00	25.00	27.00	2.09
8	3.00	25.00	27.00	2.02

	Maximum Force [N]	Flexure stress at Maximum Force [MPa]	Flexure strain (Displacement) at Flexural strength [%]	Modulus (Automatic Young's) [MPa]
3	3660.74	658.93	4.15	33476.46
4	3486.82	627.63	3.58	35210.46
5	3526.50	634.77	3.60	36586.96
6	3595.29	647.15	3.74	36078.18
7	3451.09	621.20	3.63	36372.89
8	3587.35	645.72	3.67	36505.55

Specimen 3 to 8

