



POLYTECH TEST CENTER

Standardized Tests

Weathering Testing

Testing Method	Certification	Description
Xenon Test Chamber	ISO 16474	Paint and varnishes - Methods of exposure to laboratory light sources
	ISO 4892-2	Plastics - Methods of exposure to laboratory light sources - part 2 Xenon-arc lamps
	ASTM G155 - 13	Standard practice for operating Xenon Arc light apparatus for exposure of non-metallic materials
Gloss	ISO 2813	Paint and varnishes - Determination of gloss value at 20°, 60° and 85°
Offshore	ISO 20340	Paint and varnishes - Performance requirements for protective paint systems for offshore and related structures. Please note that the standard refers to the outdated ISO 11507 standard for the UV exposure. This standard has been replaced by ISO 16474 therefore, ISO 16474 is used instead of ISO 11507
Salt Spray	ISO 9227	Corrosion tests in artificial atmospheres - Salt spray tests
Rain Erosion	ASTM G73-10	Standard test method for liquid impingement erosion using rotating apparatus

Tensile Testing

Testing Method	Certification	Description
General	ISO 527 part 1, 2 and 3	Plastics - Determination of tensile properties Part 1: General principles Part 2: Test conditions for moulding and extrusion plastics Part 3: Test conditions for films and sheets
Peel Test	ASTM D 3330	Standard test method for peel adhesion of pressure-sensitive tap
	ISO 4578	Adhesives - Determination of peel resistance of high-strength adhesive bonds - Floating-roller method
Shear	ASTM D-1002	Standard test method for apparent shear strength of single-lap-joint adhesively Bonded Metal Specimens by Tension Loading (Metal-to-Metal)
Tear	ASTM D-624	Standard test method for tear strength of conventional vulcanized rubber and thermoplastic elastomers
	ISO 34	Rubber, vulcanized or thermoplastic - determination of tear strength