

DIN EN ISO 4892-2:2013-06 (E)

Plastics - Methods of exposure to laboratory light sources - Part 2: Xenon-arc lamps (ISO 4892-2:2013)

Contents	Page
Foreword	3
1 Scope	4
2 Normative references	4
3 Principle	4
4 Apparatus	5
4.1 Laboratory light source	5
4.2 Test chamber	7
4.3 Radiometer	8
4.4 Black-standard/black-panel thermometer	8
4.5 Wetting and humidity-control equipment	8
4.6 Specimen holders	8
4.7 Apparatus to assess changes in properties	9
5 Test specimens	9
6 Exposure conditions	9
6.1 Radiation	9
6.2 Temperature	9
6.3 Relative humidity of chamber air	10
6.4 Spray cycle	10
6.5 Cycles with dark periods	11
6.6 Sets of exposure conditions	11
7 Procedure	12
7.1 General	12
7.2 Mounting the test specimens	12
7.3 Exposure	12
7.4 Measurement of radiant exposure	12
7.5 Determination of changes in properties after exposure	12
8 Exposure report	12
Annex A (informative) Filtered xenon-arc radiation -- Relative spectral irradiance	13
Annex B (normative) Additional exposure cycles	14
Bibliography	16