

ISO/TR 18486:2018-12 (E)

Plastics - Parameters comparing the spectral irradiance of a laboratory light source for weathering applications to a reference solar spectral irradiance

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Symbols	1
5	Significance	2
6	Requirements	2
7	Calculation methods	2
7.1	Characterizing parameter for a wavelength range	2
7.1.1	Choice of the wavelength range	2
7.1.2	Scaling condition	3
7.1.3	Characterizing parameter f ₁₋₂ for a wavelength range	4
7.2	Characterizing parameter for a known action spectrum	4
7.2.1	Choice of the wavelength range with action spectrum	4
7.2.2	Scaling condition with action spectrum	4
7.2.3	Characterizing parameter f _{s(1-s)²} with action spectrum	5
Annex A (informative) Examples for parameters of some commercially available solar simulators		6
Bibliography		8