

# ISO 10640:2011-08 (E)

## Plastics - Methodology for assessing polymer photoageing by FTIR and UV/visible spectroscopy

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Terms and definitions and abbreviated terms .....	1
3	Principle .....	3
4	Methodology .....	3
5	Determination of chemical variations in polymer materials by FTIR spectrometry .....	7
6	Complementary analysis by UV/visible spectroscopy .....	12
7	Test report .....	13
Annex A (informative) Comparison of test results for artificial accelerated photoageing, artificial accelerated weathering and natural outdoor weathering .....		14
Bibliography .....		28