

ISO/TS 23483:2022-08 (E)

Carbon fibres - Determination of polyacrylonitrile-based (PAN-based) carbon fibre tow characteristics - Heat transfer parameter

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	1
5	Test devices	2
6	Test conditions on carbon fibre tow	3
7	Traceability – Calibration	3
8	Test procedures	3
8.1	Type	3
8.2	Size	3
8.3	Thermal imaging camera	3
8.3.1	Working parameters of thermal imaging camera	3
8.4	Thermal imaging camera scan range on a sample	3
8.5	Sample preparations	4
8.5.1	Mounting and handling	4
8.6	No. of samples and no. of measurements	4
8.7	Data	4
9	Test report	5
Annex A (informative) Typical set-up for heat transfer parameter measurement		6
Annex B (informative) Determination of 12 K carbon fibre tow heat transfer parameter		9
Bibliography		10