



Man-made fibre

Sample size: 50 g of fibre or sliver for each test

Nature of test	Testing standard/ method	Instrument
Single fibre length	BISFA Standard 1998	Oil Plate
Fibre denier	-	Micro Balance & Cutting Device
Fibre denier	BISFA 1998	Vibromat-M / Vibroscope
Single fibre tenacity and elongation	BISFA 1998 & ASTM D 3822-2001	Fafegraph-M / Vibrodyne
Single fibre elastic recovery	-	Instron 6021
Modulus characteristics of single fibre (Dry)	-	Instron 6021
Diameter of fibres	-	Microscope
No. of arcs/inch	ASTM D 3937-2001	Microscope
