Test Methods

Document	KRYSS_QC_18-09
Archive status	Recovered
Issue	18-09
Function	Quality control
Date	3 September 2018

Purpose

Define repeatable internal checks for comparing pilot runs. The methods were comparative research procedures and were not external certification methods.

Conditioning

Where possible, samples were conditioned before mechanical testing. Moisture content and test timing were recorded with the sample identifier.

Reporting

Results were reported as run-to-run comparisons with process settings, not as guaranteed material properties.

Measurement	Method note
Linear density	mass per measured length
Moisture content	pre/post conditioning mass comparison
Draw ratio	machine set-point record
Twist level	counted over fixed gauge length
Tensile load	comparative internal pull test
Elongation at break	extension at failure
Diameter variation	multi-point manual/optical measurement
Winding tension	machine reading / trend record

Archive limitations

Status

Some raw test sheets were lost in the 2019 archive incident. Surviving summaries are sufficient to identify methods but not to reconstruct every individual run.