

Form D-1 - Yarn Specification Form

Material chemical composition			
Rope producer's material description			
Fibre producer			
Plant address			
Fibre producer's material description/designation			
Type		Finish	
Merge number		Grade	
Size of basic yarn		Twist	
Melting point		Finish content	

Strength and Elongation

	<i>Min.</i>	<i>Max.</i>	<i>Dry S.D.*</i>	<i>Min.</i>	<i>Max.</i>	<i>Wet S.D.*</i>
Yarn Breaking Load (YBL)						
Load at 5% elongation (LASE5)						
Load at 10% elongation (LASE10)						
Yarn Elongation to Break (YETB)						

* Standard Deviation

Shrinkage and Creep

	<i>Min.</i>	<i>Max.</i>
Boil-off shrinkage		
Heat shrinkage		
Creep		

Wet Yarn-on-Yarn Abrasion (see CI 1503 for definitions and calculation methods)

Prototype yarn abrasion tests

Production yarn abrasion tests

Applied tension		Applied tension	
Mean Cycles to Failure (CTF) (calculated on log cycles basis)		Mean Cycles to Failure (CTF) (calculated on log cycles basis)	
CTF Standard Deviation (anti-log of value calculated on log cycles basis)		CTF Standard Deviation (anti-log of value calculated on log cycles basis)	