

Results on mechanical properties of the yarns analysed

		Yarn Breaking Tests		
		Break Load		
daN/C.V.%		Tenacity		
cN/tex/CV%		Elongation		
%/CV%				
Shetland Wool (two plied yarn)				
Untreated Wool	0.76 / 4.4	3.29 / 4.4	15.00 / 9.1	
Conventional dyeing	0.61 / 8.4	2.87 / 8.4	10.15 / 12.9	
Liposome dyeing	0.64 / 7.5	2.99 / 7.5	10.23 / 26.5	
Shetland Wool (two plied yarn)				
Untreated Wool	0.23 / 10.6	7.57 / 10.6	17.73 / 19.6	
Conventional dyeing	0.21 / 10.6	6.91 / 10.6	15.47 / 23.8	
Liposome dyeing	0.21 / 10.4	6.92 / 10.4	18.57 / 25.5	
Wool yarn (one single strand yarn)				
Untreated Wool	0.38 / 10.3	7.87 / 10.3	20.45 / 24.9	
Conventional dyeing	0.37 / 6.9	8.09 / 6.9	19.70 / 19.7	
Liposome dyeing	0.37 / 8.7	7.84 / 8.7	20.70 / 24.5	