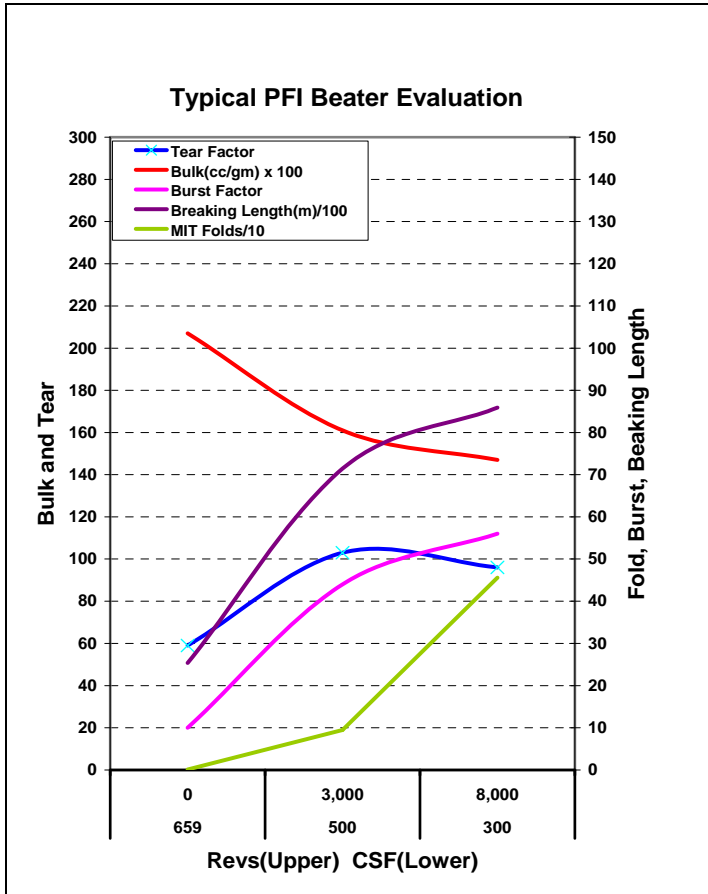




Alabama River Cellulose

Southern Mixed Hardwood Kraft Pulp



Alabama River Cellulose Hardwood Pulp is recognized as a benchmark for quality among southern hardwoods and is used in many papermaking applications. It is clean, bright, strong and known for its consistency. It provides good surface characteristics for papermakers, while delivering excellent bulk and stiffness properties. It maintains good drainage throughout refining and also develops good fiber strength, relative to other hardwoods. Alabama River Cellulose Hardwood is 100% ECF bleached and is produced with wood procured through the Sustainable Forestry Initiative (SFI) certified process.

Pulp Characteristics	
Brightness, ISO	90
Dirt Count, ppm	3.0 maximum
Opacity @ Initial Freeness	78 typical
Viscosity, cp, 0.5 M CED	23.0 average
Target Bale Dimensions	35"L x 30"W x x16"H

Physical Properties*			
Canadian Standard Freeness	659	500	300
PFI Revolutions	0	3,000	8,000
Burst Factor	10	44	56
Tear Factor	59	103	96
Breaking Length(m)	2,535	7,145	8,591
MIT Folds	1	95	456
Bulk(cc/gm)	2.07	1.61	1.47

Typical results - Long-term values, not intended to represent minimum or maximum specifications. All physical tests based on TAPPI methods.

