

Crystallinity index (CrI) and Amorphicity index (AmI) Values of Cellulose in Different Cellulose Materials

Lignocellulosic samples	CrI	AmI
Cotton	0.66	0.34
Oxygen delignified hardwood pulp	0.44	0.56
Fully bleached hardwood kraft pulp	0.43	0.57
Fully bleached softwood kraft pulp	0.52	0.48
Unbleached softwood kraft pulp	0.52	0.48
Aspen CTMP	0.47	0.53
Spruce CTMP	0.45	0.55
Unbleached GWP	0.44	0.56
Bleached GWP	0.45	0.55
TMP	0.49	0.51
Bleached spruce sulfite pulp	0.53	0.47

Lennholm, H.; Larsson, T.; & Iversen, T.

Determination of cellulose I α and I β in lignocellulosic materials. *Carbohydr. Res.* 1994, 261, 119-131

