

Amount of Juvenile Wood in Loblolly Pine

Age % Dry weight % Volume

15	76	85
25	50	55
40	15	19

Pith

Tree Center

Juvenile
Wood

~ 5-20 Inner
rings from Pith

Mature
Wood

Juvenile

Mature

Specific Gravity	~ 0.4	~0.5
Lignin	29	28
α -Cellulose	51	55
Hemicellulose	28	25
Microfibril Angle °	~30	~15