

GRADE PROFILE

Pearl[®] 428

(internal grade reference PearlB)



PORT WENTWORTH, GEORGIA USA

Pearl[®] 428 is a 100% softwood sulfate cellulose fiber for viscose rayon, which effectively blends with and replaces other dissolving pulp or cotton linters pulp. **Pearl[®] 428** offers all the desirable attributes of softwood pulp, performs well when blended, and is priced to reduce materials costs for the manufacturer.

TYPICAL PULP CHARACTERISTICS

SHEET PROPERTIES

Basis Weight, as is g/m ²	<1000
Moisture, %	<11.0
Brightness (ISO), %	88

BALE PROPERTIES

Bale Weight, kg	200
Sheet size (current), cm	61x80 or 81x83
Sheet size (future), cm	62.2x80 or 81x83

CHEMICAL PROPERTIES

Intrinsic Viscosity (CED), dl/g*	4.3
Falling Ball Viscosity (1% CED), mPa•s	25-35
R ₁₈ , %	≥88.5
Extractives (DCM), %	< 0.01
Ash, %	<0.10
Calcium, mg/kg	< 100
Copper, mg/kg	<1
Iron, mg/kg	<5
Magnesium, mg/kg	<30
Manganese, mg/kg	< 5
Silica (SiO ₂), mg/kg	< 60

*Average of typical samples tested at Weyerhaeuser Technology Center. These are NOT pulp mill specifications.



Port Wentworth, GA USA
ISO 9001:2008 Registered Certificate #0042247
ISO 14001:2004 Registered Certificate #0042246