

GRADE PROFILE

PEACH[®] 426

PORT WENTWORTH, GEORGIA USA



PEACH[®] 426 is a softwood kraft cellulose pulp with uniformly stable low intrinsic viscosity making it an excellent cellulose feed stock for manufacturing Lyocell fiber. The high hemicellulose content imparts fiber characteristics that can not be achieved with high alpha pulps.

TYPICAL PULP CHARACTERISTICS

SHEET PROPERTIES (Mill Results)

Basis Weight, as is g/m ²	775
Moisture, %	9.0
Caliper, mm	1.24
Density, OD g/cm ³	0.57
Mullen, kPa	< 1000
Brightness (ISO), %	90
O.A. Brightness (ISO), %	90
Dirt, mm ² /OD kg	1.5

FIBER PROPERTIES (OpTest FQA)

Average length (LWAF), mm	2.3
Coarseness, mg/100 m	20
Population, million fibers/g	5.0

CHEMICAL PROPERTIES

Intrinsic Viscosity (CED), dl/g	3.8
Falling Ball Viscosity (1% CED), mPa•s	25
R ₁₀ , %	83
R ₁₈ , %	87
S ₁₈ , %	13
Alpha Cellulose, %	87
Copper Number	0.8
Extractives (DCM), %	< 0.01
Ash, %	0.10
Calcium, mg/kg	< 50
Copper, mg/kg	0.5
Iron, mg/kg	2.0
Magnesium, mg/kg	< 5
Manganese, mg/kg	< 1
Silica (SiO ₂), mg/kg	45
Sodium, mg/kg	350

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



Port Wentworth, GA USA
ISO 9001:2008 Registered Certificate #0038797
ISO 14001:2004 Registered Certificate #0021146