

# FR Supersoft® N Fluff Pulp

## Low Shred Energy, Excellent Shred Quality and Outstanding Uniformity

**Supersoft® N Fluff Pulp**, is a southern softwood fluff manufactured at International Paper's **Franklin Mill**. It is specifically designed for use in absorbent products such as baby diapers, adult incontinence products, feminine hygiene products and airlaid nonwovens. **Supersoft® N** is specifically designed for the customer who needs a higher brightness pulp.

## Targeted Characteristics

Pulp Properties	Targets	Absorption Properties	Targets
Basis Weight, g/m2	757	Scan Absorbency Test:	
Density, g/cc	0.55	Absorbent Time, sec	2.2
Mullen, kPa	970	Absorptive Capacity, g/g	9.0
Mullen, psi	140	Specific Fluff Volume, cc/g	18.3
Moisture, %	6.3, 7.0, 8.0, 8.5	Fiber Length (Kajaani), mm	3.1
Brightness, % ISO	86		

## Shred Quality and Shred Energy

Shred Quality is a measure of how well a pulp sheet disintegrates in a fiberizer to individualize fibers. Shred Energy is the amount of work required to fiberize a pulp sheet under a given set of conditions.

Fluff Shred Properties*	Franklin Supersoft® Plus Targets	
Shredding Energy	kWH/t	35
Shredding Energy	kJ/kg	140
Accepts	%	87

\*Fluff pulp testing methods are not standardized among suppliers. Shred Quality and Shred Energy data is presented in a form to best allow comparative analysis among suppliers.

**The data represented here is typical. The data is not intended to be used as a specification and should not be regarded as such.**

## Pulp Business

## Franklin

## Technical Data Sheet

## Attributes

- Southern softwood species promotes excellent absorption properties and superior core strength
- Carefully controlled process conditions provide consistent runnability and uniform disintegration
- Elemental chlorine free (ECF) bleaching sequence
- REACH compliant
- FDA Compliant (21 CFR 176.170, 176.180 and 186.1673)
- BfR Compliant (XXXVI)



**FR Supersoft® N Fluff Pulp** is SFI® certified.

The Franklin mill is certified to FSC®, PEFC and SFI® Chain-of-Custody standards.

**International Paper**  
**Pulp Business**  
 6400 Poplar Avenue  
 Memphis, TN 38197 USA  
 (+1) 901-419-7245

September, 2012