

## Applications:

## Acetate

**Cosmo Acetate** grades are elemental chlorine free softwood dissolving pulps, produced from an acid sulphite pulping process at the Cosmopolis, WA mill. Best available control technology is used to manufacture the highest quality specialty dissolving pulps. High purity and brightness combined with low extractives and stable viscosity make these ideal grades for a range of acetate applications.

### Typical Pulp Characteristics

Chemical Properties	95-40 Flake	95-50 Plastics	95-70 Flake/Filament
Intrinsic Viscosity dL/g	8.0	7.9	7.9
BF Viscosity cPs	167	157	160
R18 %	96.4	96.4	97.0
R10 %	94.4	94.3	95.1
Ash %	0.09	0.06	0.06
DCM Extractives %	0.03	0.01	0.03
Calcium ppm	15	18	17
Iron ppm	2	2	2
Silica as SiO <sub>2</sub>	34	33	34

### Sheet Properties - Rolls

Moisture %	6.8	7.1	6.8
Basis Weight g/m <sup>2</sup>	678	674	693
Density g/m <sup>3</sup>	0.54	0.45	0.55
ISO Brightness %	95.4	96.0	95.0
Dirt mm <sup>2</sup> /m <sup>2</sup>	0.4	0.3	0.3

Roll Size: 74 x 120 cm (can be customized within mill capability)  
 Bale Size: 86 x 61 x 46 cm  
 Bale Handling Unit Configuration: 2 stacks 4 bales high

Above data are typical laboratory test values from pulp mill production.  
 These are not pulp mill specifications