

Application:

Ethers

Cosmo Medium Viscosity Ether 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 ether applications.

Typical Pulp Characteristics

Chemical Properties	94-04	94-06	94-08	94-10	94-12	94-12HP	94-14	94-14HP
Intrinsic Viscosity mL/g	450	570	800	1000	1200	1200	1350	1350
BF Viscosity cPs	28	49	143	361	913	913	1830	1830
R18 %	95	95	94	94	93	95	93	95
R10 %	89	91	92	92	92	94	92	94
Ash %	0.05	0.05	0.08	0.08	0.14	0.14	0.16	0.16
DCM Extractives %	0.07	0.07	0.07	0.10	0.10	0.10	0.10	0.10
Calcium ppm	15	15	25	30	40	40	60	60
Iron ppm	2	2	2	2	2	2	2	2
Sheet Properties								
Moisture %	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
Basis Weight g/m ²	750	750	750	750	750	750	750	750
Density g/m ³	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
Caliper mm	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
ISO Brightness %	94	95	95	94	92	92	91	91
Dirt mm ² /m ²	≤ 5	≤ 5	≤ 5	≤ 5	≤ 10	≤ 10	≤ 10	≤ 10

Bale Size: 86 x 61 x 46 cm Bale Handling Unit Configuration: 2 stacks 4 bales high

Roll Size: 74 x 120 cm (can be customized within mill capability)

Above data are typical laboratory test values from pulp mill production.

These are not pulp mill specifications