

BASIC CHROMIUM SULPHATE

ANALYTICAL DATA:

1)	Cr ₂ O ₃	24.00 % ± 0.50
2)	Basicity	33.00 %± 1.00
3)	Natural Salts	28.00 %±1.00
4)	pH Of 6% solution	3.00 ± 0.20

PROPERTIES :

Basic Chromium Sulphate is a powder easily soluble in cold water and highly soluble in hot water in the proportion of 1 : 2

It contains compatible additives to help fast penetration and better exhaustion. The product is made in such a way as to ensure a high degree of solubility in cold water. The tanner has the obvious advantage of controlling his masking by the addition of suitable masking agents. The basicity variation from batch to batch is very minimal and one can be assured of a starting materials of standard basicity.

APPLICATION :

Because of the ease of solubility, this can be used in dry tannage or floatless tannage without any problem. The product could be dissolved in water in the proportion of 1 : 2 and used for tannages where definite floats are employed. Since they are not masked, the tanner can add the requisite amount of masking agent which has the advantage of controlled and uniform dyeing at the later stage. As such, when used, it gives an optimum bluish green colour and uniform tanning is achieved.

METHOD OOF TANNAGE

DRY TANNAGE

Starting Material	Pickled pelt	
Dry Drum	10-12 % Basic Chromium Sulphate	1 hr
Flood	60 % water	1 hr
Basify	1.5 to 2 % Basifying agent In 20 % water	(added in 3 feeds at Interval of 15 mints run for 1./2 hr after last addition)
Final pH	3.80 – 4.00	

LIQUOR TANNAGE

	60 % water	
	3 % Salt	15 mints
	10-12 % Basic Chromium Sulphate	
	20-30 % water	add in three feeds of 30 mints. Intervals; run for finally 1 hr.
	1.5 -2.0 % Basifying Salt in 20 % water	
Final pH	3.80 -4.00	

NOTE:

1. It is better to add 0.1 – 0.2 % of preservative at the end of Chrome Tannage, when storage is contemplated.
2. The powder should be kept well packed without exposure to air as it is highly hygroscopic.

PACKING : Available in 25/50 kgs. Packings.
Packed in Kraft Paper Bags / HDPE Woven bags with an Additional inner polythene liner.



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