

●White factice

Name	Acetone extract [%]	Free sulfur [%]	Ash [%]	Specific gravity at 20°C	Appearance	Net wt. [kgs]
White#1	2~5	≦0.1	9~11	1.13	White powder	15
White#2	2~5	≦0.1	18~20	1.20		
White S	4~7	≦0.1	≦1.0	1.06		

○Applications

NR

SBR·NBR·EPDM etc.

TPE

○Uses

autoparts(weather strip, glass run), erasers, adhesion tapes, soft tennis balls, rubber threads and other industrial articles

•"White#1" contains about 10 wt% of calcium carbonate and "White#2" contains about 20 wt% as stabilizer.

•"WhiteS" contains small quantity of magnesium oxide as stabilizer.

•In general, white factice is good in oil absorbability and prevents from bleeding of liquid type ingredient.

There is little influence to rubber physical properties compared with brown factices, especially to permanent compression set.

•Chlorine is generated at the temperature of rubber vulcanization, and vulcanization tends to be delayed. To the contrary, there are some cases to work as a kind of retarder by adequate addition.

Actions to prevent from vulcanizing delay

1. Add alkaline substances* 10 wt% of white factice.
2. Use vulcanization accelerator such as guanidine type, aldehyde-ammonia type, aldehyde-amine type.
3. Vulcanize at lower temperature.

* metal oxides, metal hydroxides, amines etc.