

Technical Data Sheet

Product Name: JC UltraMix

Chemical Composition: Combination of synergistic accelerators.

Function: It is a powerful solution of pre-blended accelerator used for crosslinking natural & synthetic rubbers.

Sr. No.	Properties	Unit	Specifications
1	Appearance	-	Pale yellow powder
2	Bulk Density	gm./cc	0.45 ± 0.1
3	LOD(70°C for 1 hours)	%	≤ 5

Advantage:

Higher Scorch Safety
End product consistency
Eliminates material storage & logistics issue
Saving of energy, time & labor
Cost optimization
Environment Friendly

Standard Packing: 25kg Bag

Shelf life: 1 year from D.O.M

Storage: Store in cool and dry place away from moisture & sunlight

Dosage:

- Approx. 1-3 PHR for NR with approx. 1-2 PHR Sulphur
- 3-6 PHR in EPDM with approx. 1-2 PHR Sulphur
- 2-4 PHR in NBR & SBR with approx. 0.5-2 PHR Sulphur

Application: The accelerator blends gives a sufficient freedom for individual development efforts to the rubber compounder. One pack system is suitable for general applications that require fast cure rate and good compression set with non-blooming characteristics especially suitable for NR, EPDM, NBR, SBR, IIR such as rigid profiles, sealing strips, blown profiles, tubes, footwear's and molded articles.

Blooming:

No blooming phenomena have been observed so far. In view of the multitude of possible compound formulations, freedom from bloom cannot be guaranteed.

Mode of Action: JC UltraMix is specially designed product for ease of rubber compounders. This replaces multiple accelerators to the single most powerful solution can be used for cross-linking natural and synthetic rubbers such as NR, SBR, NBR, and EPDM. Pre-blended accelerators have proved to offer technological & operational advantages over working with several individual accelerators.

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