

Technical Data Sheet

Product Name: JC EPMix UM-85

Chemical Composition: Synergistic combination of Active accelerators pre-dispersed and polymer bound with Elastomer binder. It is Nitrosamine free and having character of non-blooming and fast curing.

Sr. No.	Properties	Unit	Specifications
1	Appearance	-	Straw colored granules
2	Mixed Accelerators	%	80
3	Elastomer Binder	%	15
4	Mooney Viscosity (ML 1+4@100°C)	-	≤50
5	Specific Gravity	-	≤1.3
6	Ash Content	-	30.0

Advantage:

Shorter mixing time with better dispersion
Reduced batch to batch variation
Less cleaning time on the mill
Best storage stability
Suitable for automatic weighing system
Fast curing, Nitrosamine free.

Standard Packing: 25kg corrugated box with liner

Shelf life: 1 year from DOM

Storage: Store in a closed container. Keep in dry and cool place.

Dosage:

- 3-6 PHR in EPDM
- 2-4 PHR in NBR & SBR

Approx. 1-3 PHR for NR
2-3 PHR in IIR

Mode of Action: JC EPMix UM-85 is a specially formulated accelerator blend designed primarily for fast curing EPDM compounds. It offers excellent non-blooming characteristics, uniform dispersion, and improved processing performance. The product is also suitable for use in NR and other synthetic rubbers. Like SBR NBR IIR.

APPLICATIONS: Highly recommended for EPDM rubber compounds such as rigid profiles, sealing strips, blown profiles, tubes, foot wears and molded articles, delivers fast curing with clean surface appearance in finished products.

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