

## Technical Data Sheet

**Product Name:** JC EVA Mix SI-50

**Chemical Composition:** Siloxane, with EVA binder & dispersing agent

**Product Description:** JC EVA Mix SI-50 is anti-abrasion pelletized formulation with 50% active ingredient dispersed in EVA binder. It is particularly developed for EVA, PVC, and natural & synthetic rubber compound to improve the abrasion resistance.

| Sr. No. | Properties                    | Unit | Specifications     |
|---------|-------------------------------|------|--------------------|
| 1       | Appearance                    | -    | Off-white granules |
| 2       | Siloxane                      | %    | 50                 |
| 3       | EVA binder & Dispersing agent | %    | 50                 |
| 4       | Specific Gravity              | -    | ≤0.980             |
| 5       | Mooney Viscosity              | -    | ≤50                |
| 6       | Ash Content                   | %    | ≤1.5               |

**Advantage:**

Scratch and abrasion resistance  
Improves flow and lubricity of resin  
Reduce Coefficient of friction  
Better product stability  
Improved surface characteristic  
Acts as slip and release agent

**Standard Packing:** 25kg

**Shelf life:** 2 years from DOM

**Storage:** Store in a cool and dry place

**Dosage:** 0.5 to 7.0% or as per the formulation

**Mode of Action:** This additive functions as a multi-functional performance enhancer primarily through its inherent lubricating properties. In the polymer matrix it creates a smoother, more wear-resistant surface that provides exceptional scratch and abrasion resistance and improved surface characteristics and improving consistency.

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