



# Technical Datasheet

Product: I-MIX Eva Bag

Grade: IMIX 83

## Product Description & Advantages

Rubber compatible bags are specialty grade polymer bags used for the addition of solid or liquid chemicals into the rubber during its processing in banbury or kneaders. Unlike the usual Polyethylene bags, these special grade polymer used for the manufacture of these bags is highly compatible with rubber and mixes with rubber at normal processing temperatures. Hence, this allows for the direct addition of the chemicals included in the bag into the rubber processing systems along with the bag which mixes with rubber.



**100% EVA**  
**0% LDPE**

## Advantages

- Unlike polyethylene bags, Low Melt EVA bags form a highly compatible blend with rubber during the addition of chemicals
- Since these bags open up only in the high pressure region of the ban-bury or kneaders, it helps to reduce the cycle time during the processing of rubber
- Allows for exact dosing of the solid and liquid chemicals into the rubber compounding systems as compared to the conventional systems of dosing of the chemicals
- Results in a consistent batch of material time after time due to exact dosing of the chemicals
- Reduces the fly loss of the chemicals into the atmosphere
- Provides better work environment for the employees
- Environmentally friendly and cost effective system
- Can be printed in case of larger quantities



## Technical Details & Specification

Specification	
Product	Eva Bag
Grade	IMIX 83
Melt Point (DSC : ASTM E 794)	83°C (181.4°F)
Bag Size	2 x 2 inches to 50 x 50 inches
Thickness	40 Micron (1.6 mils) To 150 Micron (5.9 mils)
Rolls/Bag On Roll	Available
Color	As Required

**Eva Batch  
Inclusion  
Bags for  
Chemical  
Addition In  
Rubbers**