



## ELECTROPLAST® UNIVERSAL COMPOUNDING LLP

### TECHNICAL DATA SHEET ANTI-RODENT & ANTI TERMITE MB (EP 06)

#### Description:

**EP 06-ARAT** is a very strong odour emitting and bitter compound. It tastes bitter when bitten by pests and emanates a strong odour. Rodents dislike the smell and taste after biting these once or twice and the information quickly circulates within the nearby pest population, as a result, our polymer products are protected, and pests live too.

#### Composition:

**EP 06** is an EVA base compound. Some special additives have been added to make it Anti Rodent & Anti - Termite.

#### Appearance:

Granule free from fines.

#### Dosages :

Addition of 3.0 to 5.0 % of with regular compound.

#### Typical Properties:

Sr.	Parameter	Unit	Test Method	Typical Value
1	ARAT Additive Loading	g/cc	ASTM D-5291	> 20
2	Melt Flow Index	gm/10 min.	ASTM D-1238	> 10
3	Moisture Content	%	ASTM E-203	< 0.05
4	Hardness	Sh-D	ASTM D-2240	< 46

#### Dispensability :

The EP 06 ARAT Master batch will disperse easily in **PVC, XLPE & TPE** base compounds and no nibs or spots of undispersed pigment will be present.

#### Shelf Life/Storage:

EP 06 ARAT can be stored for 6 months from the date of manufacturing, without significant deterioration of the quality of material. However, it is recommended to be consumed as soon as possible.

EP 06 ARAT Master batch is recommended to be stored in a cool, dry & clean environment in unopened original packaging.



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### **Packaging:**

25 Kg packed in Moisture Barrier Multi-layer liner with PP Woven bag.

### **Processing Guidelines:**

It is recommended to dry the master batch at 70 - 75°C for about 45 minutes, before using the polymer.

### **Safety:**


**EP 06 ARAT is not classified as dangerous preparation.**

The products are supplied in the form of free-flowing granules of approx. 2-3 mm size and can be readily handled with commercially available equipment. Handling and transporting products may generate some dust and fines, which constitute a potential hazard for dust explosion. All metal parts in the system should therefore be properly grounded. Properly designed equipment and good housekeeping will reduce the risk. Inhalation of any type of dust should be avoided as it may cause irritation of the respiratory system. The product is intended for industrial use only. MSDS is available on request.

### **Disclaimer:**

- The specifications given are the guidelines only.
- Above compound is suitable to run on different machines; however, some adjustments may be required on individual machines.
- All properties are tested as per ASTM/IS/IEC standards.
- Any data may change without prior information.
- The customers are advised to check the quality prior to commercial use. There is no guarantee and/or warranty whatsoever, after processing.



 Plot No. 14, Waghodia, Vadodara, Gujarat - 390019 (BHARAT)