Specification Of ADC-PT

ADC-PT is a foaming agent used for EVA, LDPE, rubber and other polymers.

ADC-PT has the following benefits when used as a chemical foaming agent:

- **Reduced density of the product**
- **Increased extensibility of the product**
- **Small pore size**

General Properties	
Color and Physical State	Light Cream / Yellow Powder
Decomposition Temp (DT, °C)	120±2
PH	>7
Gas Yield (ml/g at 1 atm, DT)	~ 180
Liberated Gas	CO_2, CO, N_2
Exothermic/Endothermic	Exothermic
Moisture Content (%)	<0.2

Packing: 25 Kgs of Bag

Usage Recommendations :

1. The foaming agent is added after mixing the polymer along with other ingredients like activators, vulcanizers, fillers etc.

The dosage strongly depends on the percentage of foaming we are interested in.
For example :
For 25% foaming recommended ratio of foaming agent to the polymer is 2/100 by weight.
For 50% foaming, the recommended ratio increases to 4/100 by weight.

(The above is only an indicative formulation and the customer is requested to formulate their own individual formulation for their application.)

Storage Guidelines

- **ADC-PT has been denatured & formulated for safe handling and usage in rubber, but yet, remains highly flammable and therefore, should be stored away from any acids/acidic compounds and active flames.**

- ADC-PT should be stored in dry conditions.

- ADC-PT should be stored away from direct sunlight.

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