

Flame Retardant

Specifications :

Price	Contact Us
Brand Name	HengNing
Place of Origin	Shanghai, China
Payment Terms	T/T, L/C, Western Union, etc.
Delivery Detail	10-25 Working Days.

Detail Introduction :

Flame retardant hot melt adhesive film is a variety of hot melt adhesive film with flame retardant function. As a polymer material, hot melt adhesive film is flammable, however, in many occasions, we need to put forward the functional requirements of flame retardant adhesive products to make the finished products have a higher fire retardant grade, increase the safety of its use and avoid safety accidents in the process of use.

1. How is flame retardant hot melt adhesive film produced?

Flame retardant hot melt adhesive film is produced with flame retardant in its raw material formula, and the flame retardant and raw material particles are blended and granulated. The granules are then put into the film production machine and coated or cast to produce the flame retardant hot melt film. Flame retardant hot melt adhesive film usually belongs to PES hot melt adhesive film system.

2. What is the mechanism of flame retardant hot melt film?

The flame retardant mechanism of hot melt adhesive film depends on the type of flame retardant used. In terms of the flame retardant mechanism of flame retardants, there are four main roles in the process of flame retardant, namely, heat absorption, covering, reaction inhibition and asphyxiation. Such as $\text{Al}(\text{OH})_3$ flame retardant is to improve the flame retardant performance by increasing the heat capacity of the polymer, so that it can absorb more heat before reaching the thermal decomposition temperature. This type of flame retardants play its combination of water vapor when a large amount of heat absorption characteristics to improve its own flame retardant ability.

3. What are the applications of flame retardant hot melt adhesive films?

Flame retardant hot melt adhesive films are generally used in a range of applications in electronics and decorative building materials. These fields often involve the requirement of fire prevention, so the material will put forward the demand of fire retardant.