

Demand for Hot Melt Adhesive Film Applications in the Automotive Sector

Detail Introduction :

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The development of the automotive field is inseparable from the matching of adhesives, especially in the advocacy of lightweight automobiles; the application of sealants has received more and more attention from automotive material developers. Hot melt adhesive films also have a place in the bonding of materials in automobile manufacturing. So, what are the specific requirements for the performance of hot melt adhesive films for material bonding on automobiles? Let's talk about it below.

First of all, hot melt adhesive films are mainly used as adhesives for composite bonding of automotive interior materials. Car interiors, as the name suggests, are various materials used in the interior space of the car. We know that the interior space of the car is a closed space, so there needs to be basic control of air quality. With the improvement of people's living standards and educational level, people are paying more and more attention to the health of themselves and their families. Therefore, now car companies are paying more and more attention to the control of air quality inside the car, which puts forward higher environmental performance requirements for adhesives, and there must be no VOCs emissions. Therefore, environmental performance is one of the most basic requirements for hot melt adhesive films for automotive interior materials.

In the field of automobile manufacturing, there are also many types of materials involved. The automotive interior includes composites of materials such as plastics, fabrics, and sponges. For the automotive interior, since it is not used for structural purposes, the demand for bonding strength is not very high. In the automotive exterior, it usually involves the bonding of metal and plastic, plastic and plastic. At this time, there are often higher requirements for bonding strength and higher requirements for weather resistance. In general, there are many types of applications of hot melt adhesive films in the automotive field, and individual applications are also complex. There are also many types of hot melt adhesive films involved. Generally speaking, there are EVA hot melt adhesive films, TPU hot-melt adhesive film, PA hot-melt adhesive film; if you have more specific questions about the automotive hot-melt adhesive film, you can consult us at any time.

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