What kind of material is hot melt adhesive film

Detail Introduction :

What hot melt adhesive film is material may be difficult to explain to those exposed to it for the first time. B
all we can see is a plastic film-like material, it is hard to imagine its function.

A hot melt film is a form of hot melt adhesive, so it is an adhesive, which means it is a material used for bo
laminating. In terms of material division, it is an organic synthetic adhesive, and its main components are p
compounds such as polyurethane, polyamide, etc. In essence, these substances are petrochemical produ
like the fabrics we wear now, the plastic products we use every day, etc., are also petrochemical products.

In terms of material, hot melt adhesive film is a solvent-free, moisture-free, 100% solid content adhesive, s
room temperature. It melts into a liquid when heated, thus enabling the formation of adhesion between ma
Because it is solid at room temperature, hot melt films are generally made into rolls that are easy to packa
transport, and store.

Hot melt film is very fast in terms of usage because it is heated to melt and cooled to harden. It is generally
with large drum laminators, presses, and other professional equipment to operate. It has a relatively large
laminating area, the width of the conventional can reach more than 1 meter, and some can even reach mo
meters, production efficiency is very high.

To say what is the difference between hot melt adhesive film and ordinary plastic film, in fact, in essence, t
not be different, and even sometimes they are the same material. However, there are some differences in
molecular weight of the raw materials used, the chain structure, or the excipients added, which ultimately r
hot melt adhesive films that are sticky after melting. In contrast, plastic films are not very sticky after meltin
shrinkable, so they are not suitable for bonding or composites.
Finally, to summarize, hot melt adhesive films are similar to plastic films.

n one sentence. They are heated, melted, cooled, cured, solvent and moisture-free, with 100% solids cont
used for lamination between materials.

Related articles?
Introduction to different forms of hot melt adhesive products