

Adhesive for Protective Film PT7520

Lushan PT7520 base resin is SEBS. We specialize in developing adhesive for protective film several years. Through continuous scientific and technological innovation, we developed mature adhesive products for co-extrusion blowing film process.

➤ Application

PT7520 used as adhesive layer. Self-adhesive protective film can be widely used in metal and plastic industry. It protect surface of easy-damage panel like Plastic Sheet, Electronics, Furniture, Glass, Metal etc. during packing, assembly, or delivery process. Compared with traditional type of protection film, self-adhesive protective film will be more cost-saving and environmental friendly.

➤ Typical Physical Properties

Item	Unit	Test Method	Typical Value PT7520
MFI	g/10min	GB/T3682 (2.16kg/190℃)	20
Hardness	Shore A	GB/T2411	38
Density	g/cm ³	GB/T1033.1	0.94
Tensile Strength	MPa	GB/T 1040	7.5
Oxidation Induction Time OIT (200℃)	min	GB/T 19466.6	50
180°Peeling Stainless Steel, 20min @25℃	N/25mm	Lushan method	2.5
180°Peeling Stainless Steel, 7 days @25℃	N/25mm	Lushan method	3.4
180°Peeling PC sheet, 20min @25℃	N/25mm	Lushan method	2.2
180°Peeling PC sheet, 7days@25℃	N/25mm	Lushan method	3.5

Note: Adhesive thickness 3um, LDPE thickness 50um;

These are typical properties and not intended as specification.

➤ Processing Condition(for recommendation)

- Recommend processing temperature 150-180℃, typical three layers structure as below;
- Viscosity controlling by thickness of adhesive or mix with other polyolefin material;
- To avoid pellets lumpy issue, feed zone temperature must be kept under 70 C, It is

recommended to set cold water in feed zone.

Adhesive layer PT7520 (2 -10um)

Mid layer PE/PP (20-50um)

Outer layer PE/PP+ Anti-block agent (5-10um)

➤ **Package and Storage**

- Packed in 25kgs Paper-plastic bags;
- Store in dry, cool and ventilated environment; avoid direct exposure to water&strong light; securely wrap the unused;
- Shelf life: One year from production date;