

Copolyester

Hot Melt Adhesive



Introduction

Spiderbond® hot melt copolyester adhesive is a high performance thermoplastic adhesive with high bonding strength, good high and low temperature resistance, good water wash resistance and flexibility, suitable for different application process both hot melt and dissolve, this product is popular in producing adhesive web & film, hot melt yarn, hot melt strip, and surface coating.

Copolyester hot melt adhesive has good bonding effect for textiles, leather, plastics (PVC, PET, etc), some metals (iron, aluminum, copper, etc), papers, etc. So it is widely used in textiles, garment interlining, heat transfer printing, DTF printing, automotive interior, inks & coatings, filters, footwear materials, and outdoor products, etc.

This product is available in granular and powder form.

Advantages

1. It is suitable for variety of applications; powder form makes it easier for some applications.
2. High bonding strength, stable performance.
3. Water proof with good water wash resistance.
4. VOC free, non-toxic, meet the environmental requirements.

Specifications

Grade	Melting Range (DSC °C)	Melt Flow Index (g/10min, 2.16kg)	Form	Tg
EsterMelt 5509	85-95	25-35 at 160°C	Powder	/
EsterMelt 5510	95-105	20-30 at 160°C	Granule & Powder	/
EsterMelt 1360	120°C (Softening point)	30-50 at 160°C	Powder	/
EsterMelt 1365	100-110	20-35 at 160°C	Powder	/
EsterMelt 5115	105-115	27-37 at 160°C	Granule & Powder	10°C
EsterMelt 5116	105-115	21-27 at 160°C	Granule & Powder	10°C
EsterMelt 5122	115-125	12-18 at 160°C	Granule & Powder	10°C
EsterMelt 4810	115-125	80-110 at 160°C	Granule	/
EsterMelt 5140	130-140	20-26 at 160°C	Granule & Powder	20°C
EsterMelt 5147	130-140	30-40 at 180°C	Granule	10°C
EsterMelt 5150	120-135	42-48 at 160°C	Granule	5°C
EsterMelt 5165	155-166	16-22 at 188°C	Granule	22°C
EsterMelt 5185	167-180	55-65 at 210°C	Granule	-24°C
5171 (TPU)	108-120	25-30	Powder	/
5178 (TPU)	90-105	30-40	Powder	/

Copolyamide

Hot Melt Adhesive



Introduction

Spiderbond® Hot melt copolyamide adhesive is a high performance thermoplastic adhesive.

Copolyamide hot melt adhesive has high bonding strength, good high and low temperature resistance, good water wash resistance and excellent chemical resistance.

Normally, copolyamide hot melt adhesive could be used by extrusion, injection, blowing and coating processes, has good bonding effect for textiles, leather, sponge, paper, some metals and polymers, etc. So it is widely used in textiles, heat transfer printing, garment interlining,

This product is available in granular and powder form.

Advantages

1. It is suitable for variety of applications, and its powder form makes it easier for some special applications.
2. High bonding strength, stable performance, good resistance to water washing and dry washing.
3. VOC free, non-toxic, meet the environmental requirements.

Specifications

Grade	Melting Range (DSC °C)	Melt Flow Index (g/10min, 2.16kg)	Form	Tg
8080	70-80	80-150	Powder	/
8115	85-100	25-40	Granule & Powder	/
8106	95-116	40-60	Granule & Powder	24°C
8615	100-130	25-35	Granule & Powder	24°C
8371	105-115	70-80	Granule	24°C
8122	118-130	10-16	Granule	24°C
8620	108-120	27-33	Granule & Powder	21°C
8630	125-135	25-35	Granule & Powder	21°C
8720	107-130	25-35	Granule	25°C
8740	115-130	25-35	Powder	19°C