

FILM IN POLIESTERE

Film a caldo in poliestere PET - 32 micron

Scheda tecnica prodotto / Technical data sheet



Product Name: Laminating film

Product Code: 32mic gloss

Description:

Gloss Polyester Polyethylene/Copolymer film, for use in encapsulation of printed materials as print finishing process. Adhesion is achieved by the reactivation of the heat sensitive resins in the Polyethylene/copolymer element.

Construction:

Base film 12micron polyester
Adhesive 20micron EVA copolymer
Overall Tolerance: +/-5%

Physical Characteristics:

Surface Dyne level: Good
Acid resistance: Good (mild acid only)
Alkali resistance: Good
Heat resistance range: 80°C
Oil resistance: Good
Light stability: Very good protection, estimated life expectancy 25 years at 500 lux.

Yellowing: None
Adhesion: $\geq 20N$
Shrinkage value: longitude direction: 1% at 150°C for 30 min
 transverse direction: 0.5% at 150°C for 30 min

Specific gravity range: PET/EVA; 38%/62%

Solubility in water: Insoluble

Appearance: Plastic film with a milky appearance

Applications: Indoor under extreme conditions. Out door under mild conditions.

Operating Temperature: 100°C-105°C at speed of 650mm/min

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REACTIVITY HAZARD DATA

Chemical stability: Stable.

Incompatibility: Avoid contacts with strong acids and bases. May react violently with fluorine.

Hazardous

Decomposition

Products: At temperatures above 300°C, decomposition products include carbon monoxide, carbon dioxide, acetaldehyde and acrolein.

HEALTH HAZARD DATA

Effects of exposure

Ingestion: Non-Toxic.

Skin contact: Non-Irritating.

Inhalation: Upon over-heating may product fumes. Remove personnel to fresh air and lower heat store commended levels.

CONTROLS AND PROTECTIVE MEASURES

Protective clothing: None required under normal conditions of use.

Gloves may be used when handling extremely hot film.

PRECAUTIONS FOR SAFE HANDLING AND USE

No special hazards anticipated under normal conditions encountered in storage, processing and disposal.

Waste disposal methods: Recycling, incineration or landfill.

	NFPA	HMIS		
Health	0	0		
Flammability	1	1		
Reactivity	0	0		
Key: 0=Minimal	1=Slight	2=Moderates	3=Serious	4= Severe

FILM IN POLIESTERE

Film a caldo in poliestere PET - 125 micron

Scheda tecnica prodotto / Technical data sheet



Product Name: Laminating film

Product Code: 125mic gloss

Description:

Gloss Polyester Polyethylene/Copolymer film, for use in encapsulation of printed materials as print finishing process. Adhesion is achieved by the reactivation of the heat sensitive resins in the Polyethylene/copolymer element.

Construction:

Base film 75micron polyester
Adhesive 20micron PE Polyethylene +30 micron EVA copolymer
Overall Tolerance: +/-5%

Physical Characteristics:

Surface Dyne level: Good
Acid resistance: Good (mild acid only)
Alkali resistance: Good
Heat resistance range: 80°C
Oil resistance: Good
Light stability: Very good protection, estimated life expectancy 25 years at 500 lux.

Yellowing: None
Adhesion: $\geq 20N$
Shrinkage value: longitude direction: 1% at 150°C for 30 min
 transverse direction: 0.5% at 150°C for 30 min

Specific gravity range: PET/PE/EVA; 60%/16%/24%

Solubility in water: Insoluble

Appearance: Plastic film with a milky appearance

Applications: Indoor under extreme conditions. Out door under mild conditions.

Operating Temperature: 135°C - 140°C at speed of 650mm/min

FILM IN POLIESTERE

Film a caldo in poliestere PET - 125 micron

Scheda tecnica prodotto / Technical data sheet



REACTIVITY HAZARD DATA

Chemical stability: Stable.

Incompatibility: Avoid contacts with strong acids and bases. May react violently with fluorine.

Hazardous

Decomposition

Products: At temperatures above 300°C, decomposition products include carbon monoxide, carbon dioxide, acetaldehyde and acrolein.

HEALTH HAZARD DATA

Effects of exposure

Ingestion: Non-Toxic.

Skin contact: Non-Irritating.

Inhalation: Upon over-heating may product fumes. Remove personnel to fresh air and lower heat store commended levels.

CONTROLS AND PROTECTIVE MEASURES

Protective clothing: None required under normal conditions of use.

Gloves may be used when handling extremely hot film.

PRECAUTIONS FOR SAFE HANDLING AND USE

No special hazards anticipated under normal conditions encountered in storage, processing and disposal.

Waste disposal methods: Recycling, incineration or landfill.

	NFPA	HMIS		
Health	0	0		
Flammability	1	1		
Reactivity	0	0		
Key: 0=Minimal	1=Slight	2=Moderates	3=Serious	4= Severe