

Product Information Sheet

WB 1106 Primer

High Technology

Light Technology Specialists

WB 1106 Primer

Properties

WB 1106 PRIMER is a water based crosslinking dispersion formulated for coating applications onto Plastics.

It provides excellent adhesion to difficult plastics and acts as a key agent for over printing and coating with eco solvent and UV curing inks and coatings to achieve excellent bonding.

WB 1106 provides a tough and flexible film surface which has very good receptivity and printability providing good resistance from water and chemical attack.

End Use

Primer for Polyolefin, PE, OPP, BOPP, HDPP, PA, PET, PC, Alu films and coated films.

Can be coated by Gravure, Bar coat, Flexographic, Roller Coater processes.

Overprint ability with solvent based ink jet, UV ink jet. Flexographic and Gravure, solvent based and UV based ink. Lithographic, letterpress conventional and UV inks, UV Screen inks etc.

The use of this primer will enable printing of more difficult substrates with difficult inks.

Guidelines

Plastic surfaces are best prepared with Corona Discharge or Plasma treatment. Pre-coated films may not need surface treatment.

Drying/Curing

Drying of WB 1106 can be with hot and then cold air which can be microwave, hot-cold drum or hot oven assisted. High velocity hot air can be very effective and using dehumidifiers to get "moisture free air" will also increase drying speed and improve running speeds.

Properties	Range	Unit
Total Solids	38–40%	39%
Visc Brookfield		25degMpas
PH	7–9	
Appearance	Whitish haze	
Density @ 20 degrees	1.02	

Storage and Usage

WB 1106 Primer should be used within three months and stored no longer than six months. Sealed light impervious containers must be used and kept stored in dry ambient (16-28 Centigrade) conditions. Exposure to any ultraviolet light or sunlight may cause premature viscosity increase, gelling and curing to a solid. Exposure to high temperatures greater than 45 degrees centigrade and sunlight could also cause bulk exothermic high temperature reactions and curing/crosslinking to a gel or solid form.

Health and Safety

UV Primers are classed as irritants and as such should be prevented from coming into contact with you or any other person. Irritants have the potential to sensitise. Personnel with sensitive skin would need to take strict precautions in the use of these products. Gloves/goggles/glasses overalls and other suitable protective wear must be used were necessary to protect from any personnel contact.

High Technology

Light Technology Specialists

We specialise in light technologies including light measuring equipment (IR, UV, visible), light curing coatings, inks, adhesives, lamps and equipment.

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