

IBAFLEX

Technical Data Sheet

Description

IBAFLEX (...E) powder coating are developed for profiles that need to be bent after painting. IBAFLEX powder coatings are available in all chemistry like epoxy, epoxy polyester, polyester and polyurethane.

Characteristics

Excellent flexibility
Bending after painting
Available for all series
Very good mechanical properties
Less waste and pollution to the environment

Applications

White goods
Domestic appliances
Architectural applications

Product Properties

UV Resistance Check for TDS for the specific series.
Colour All colours
Surface Gloss GLE – Semigloss HRE – Semimatt CSE – Matt CME – Wrinkle WRE – Structure STE - SPE
Specific gravity Check for TDS for the specific series.
Shelf Life Check for TDS for the specific series.

Flexible IBAFLEX Coating Properties

Tests	Standarts	Test Results
Cupping test	ISO 1520	No cracking at a diameter of 5 mm
Impact test	ISO 6272-2/ASTM D 2794	No cracking at 2,5 Nm
Cylindrical Bending test	ISO 1519	No cracking at a diameter of 5 mm
Conical Bending Test	ISO 6860	No cracking observed
T-Bend Test	ISO 1732	Grade:0T (Approved)

*Results are tested on PE58AT9136187HRE.

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Application Data

Application	Check for TDS for the specific series.
Curing	Check for TDS for the specific series.
Film Thickness	Check for TDS for the specific series.

Application Guide

IBAFLEX powder coating does not require a special application. Check TDS for the specific series.

Care and Maintenance

IBAFLEX powder coatings should be regularly washed with warm water and mild liquid detergent, followed by a fresh water rinse to maintain the attractive appearance of the powder cured film. The use of abrasive cleaners is not recommended, nor is the use of active organic solvents.

Health and Safety

The SDS is an integral part of using this product as it contains information on the potential health effect of exposure, personal protective equipment needed. It is recommended to contact to Sales and Customer Service Offices for further information.

Precautions and Limitations

As a result of possible wide application variations and stoving conditions, **IBAFLEX** powder coatings may show variation, between İBA Kimya Powder Coatings prepared samples and production applied material. Therefore, it is the applicator and/or their customer's responsibility to ensure the product conforms to their requirements. For optimum performance ensures recommended dry film thickness is obtained.

Transport and Storage

Packaging	15-20-25 kgs. Heavy polyethylene bag in a corrugated carton
Shipment	Not dangerous goods. No special transport requirements.
Storage Conditions	Storage temperatures should be kept below 30°C and 50% relative humidity. Powder should be stored in closed containers.

DISCLAIMER: All the information provided in this data sheet depends on our knowledge and experience up to date and may be subject to revision as new technology and experience evolve. Since the conditions of application may vary depending on the substrate, physical conditions and other variables, users should conduct necessary tests to determine the conformity of the product for its intended use. We do not accept liability since the application, use and processing of the products take place beyond our control and supervision. Moreover, our liability for breach of warranty is exclusively limited to replacement of the product or refund of its price and we are not liable for incidental, indirect or consequential damages under any circumstances.