

## TECHNICAL DATA SHEET

# REAFREE® F3300-A15

Powder Resins / Saturated Hydroxylated Polyester / FLOW Additive

### PRODUCT APPLICATION DETAILS

Additive for increase the flow and pigment wetting of powder paints. It contains 15% of active material. It is suitable for the formulation of indoor or outdoor durable and protective thermosetting powder coatings. Allows easy handling and improved dispersion of the additive in the formulation.

### SALES SPECIFICATIONS

|                                    | CHARACTERISTICS | METHODS     |
|------------------------------------|-----------------|-------------|
| Acid value                         | <5 mg KOH/g     | ASTM D-1639 |
| Viscosity (Cone and plate - 165°C) | 10-30 Pa.s      | DIN 53229   |
| Color (50%)                        | 2 max Gardner   | ASTM D-1544 |
| Hydroxyl value                     | 30-40 mg KOH/g  | G/07-1      |

### OTHER CHARACTERISTICS<sup>1</sup>

|                                   | CHARACTERISTICS      | METHODS |
|-----------------------------------|----------------------|---------|
| Appearance                        | Opaque pale granules |         |
| Glass transition temperature (Tg) | approx 60 °C         | DSC     |

<sup>1</sup>The data provided for these properties are typical values, intended only as guides, and should not be construed as sales specifications

### MARKET

#### Coatings & Inks

- Industrial Coating
  - General Industry
  - Metal Exterior - Powder
  - Powder Coating - Others

# REAFREE® F3300-A15

## FORMULATION GUIDELINES

| STARTING FORMULATION                 |  |
|--------------------------------------|--|
| PIGMENTED PAINT                      | Dosage on total formulation<br>F3300-A15 |
| Polyester/Epoxy (hybrid)             | 3,5-4,5%                                 |
| Polyester/TGIC/PT-910/B-HAA          | 4-5%                                     |
| Polyester/Isocyanate (Polyurethane)* | 4-5%                                     |

\* Total quantity of blocked isocyanate prepolymer must be adjusted according to the weight and hydroxyl value of the additive.

## PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

## DELIVERY FORM

Granules. White opaque polyethylene bags of 25 Kg. One Ton pallet shrink – wrapped.

## STORAGE AND HANDLING

The resin in its original unopened bags is stable for more than three years, stored in a dry place at temperature below 30°C. Avoid direct sunlight.

**Arkema Coating Resins**  
410 Gregson Dr.  
Cary, NC 27511 – USA  
T +1 919 469 6700

**Arkema Química, S.A.U.**  
Ctra. Olzinelles, s/n  
E-08470 Sant Celoni (BCN)  
Spain  
T +34 938 674 000

**Arkema Chemical India Private Ltd.**  
D-43, Trans Thane Creek  
MIDC Industrial Area  
400706 Mumbai - India  
T +91 22 67377122

Headquarters: **Arkema France**  
420, rue d'Estienne d'Orves  
92705 Colombes Cedex  
France  
T +33 (0)1 49 00 80 80

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