# POLESTER 158-SB40

## *Saturated Polyester Resin*

JAMSON POLYMER

**TECHNICAL DATA SHEET**

### PRODUCT DESCRIPTION

POLESTER 158-SB40 is a high molecular weight hydroxylated branched saturated polyester resin recommended in combination with amino resins and blocked polyisocyanate resins in the formulation of baking enamels.

### APPLICATION AREAS

Can coatings, Coil coatings for primers, Metal decorating and interior protaction. Flexibilizing agent for stoving enamels based on PVC.

### BENEFITS

Deep drawn flexibility, Cold crush flexibility, High hardness, Very good adhesion to aluminum, tin-plate and galvanized surfaces, High sterilization resistance, Good chemical resistance.

### SPECIFICATIONS

| | | |
|---|---|---|
| Solvent | - | Sol-150 / Butyl Glycol |
| Solid Content | % (1 g / 10 min. / 160°C) | 40 ± 1 |
| Viscosity | dPa.s @ 25°C | 15 - 20 |
| Acid Value | mg KOH/g - Solid | 2 - 6 |
| Hydroxyl Content | % - Solid | 0.25 |
| Hydroxyl Content | % - Delivery | 0.10 |
| Malecular Weight | Mng/mol | 20,000 |
| Density | g/ml @ 25°C | 1.02 |
| Flash Point | °C | 60 |
| Colour | Gardner | ≤ 4 |
| Appearance | Visual | Clear to turbid viscous liquid |

### INSTRUCTIONS OF USE

| | | |
|---|---|---|
| POLESTER 158-SB40 / POLAMIN 303 | Solid | 75 / 25 |
| Binder / Pigment | Solid | 100 / 100 |
| Thinner | Sol-100 / BG | 80 / 20 |
| Application Viscosity | Sec. @ 25°C, Cup#4 | 30 - 35 |
| Curing Schedule | min. / °C | 10 / 180 |

### STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 12 months.

### PACKAGING

Metal drums , 200 kg net.

### SAFETY

Contains solvents. Flammable. Harmful if inhaled. Irritating to eyes and skin.



*The information and recommendations contained in this data sheet are based on our own tests and are believed to be reliable but are given without guarantee as to results. The customer is advised to make his own tests based on the information provided.*

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