

Cibagum S283N

Cibagum S283N is a thermoset acrylic resin with hydroxyl functional groups used in polyurethane automotive refinishing paints and clear coats.

Applications

- Automotive refinishing paints and clear coats

Properties

- 1- High gloss and transparency.
- 2- High compatibility with other hydroxyl acrylic resins.
- 3- High Moisture, and chemical resistance.
- 4- Excellent adhesion and hardness.
- 5- Soluble in ketones, esters, ethers, and aromatic solvents.
- 6- Insoluble in some aliphatic solvents.
- 7- Fast drying.

Specifications

Property	Value	Unit
Color	<1	gardner
Solid content	60±1	%
Acid value	<10	mg KOH/g
Hydroxyl value	4.2	%
Viscosity @ 25°C	1800-2600	CP
Density @ 25°C	1.03	g/ml
Solvent	Xylene/MPA/Toluene	-

Consumption guide

- This product should be used in combination with aliphatic polyisocyanates at ambient temperature or accelerated conditions.
- The best properties appear after 10 to 12 days. To accelerate this process, curing at 80 °C for 30 minutes is recommended.
- Solvents such as alcohol and glycol should not be used.

Packaging

- Metal Barrel of 200 Kg net

Storage

- The resin should be stored indoors in its original, unopened, and undamaged container in a well-ventilated place at storage temperatures below 35 °C, for up to 1 year.