

Thermoplastic Acrylic Resin
DF 60041BA
Delivery Form:
60.0% (Butyl Acetate)
Packing:
200.0kg ms barrel
Applications:

Road marking Paints
- Extensively used alone or in combination with chloro-paraffin based solvents.
General purpose Masonry and Decorative coatings.

Principal properties:

Thermoplastic acrylic resin (TPA) having excellent Color, Gloss / Gloss retention and exterior durability characteristics.

Salient features of this acrylic resin are

- Exhibits outstanding Color acceptance.
- Excellent gloss and hardness.
- Excellent chalk resistance.
- Excellent soap and detergent resistance.

Dilutability:

White Spirit	limited
Butyl Acetate	complete
Esters	complete
Alcohol	complete

Compatibility:

L O Alkyd S-10702	limited
MO Alkyd S-20552	limited
Styrenated Alkyd S-30601	limited
Acrylic polyols	limited
Cellulose esters	good
Vinyl resins	good
Chlorinated rubber	good

Recommendations on formulation and use:

Guiding formulation: Road Marking Paints

Sr.No	Ingredients	% by Wt
01.	TiO ₂	09.0
02.	Carbon Black/ Lead chromate	01.0
03.	Silica sand/ Calcite/ Quartz (Calcined Flint)	40.0
04.	Glass beads	20-40
05.	Extender- chalk/CaCO ₃	10.0
06.	DF 60041BA	20.0
07.	Thinner Solvents: Toluene/XL and or CHCl ₃ / CH ₂ Cl ₂	

Product Specification:

Property	Range	Unit
Viscosity B/F@25°C	110 – 130	Ps
Color, Gardner	01max	Gardner
Solids content	58.0 – 62.0	%
Appearance	Clear	-
Acid Value	4.0- 7.0	mg KOH/g
Film Performance	Excellent	

Other product data:

Property	Value	Unit
Sp.gr @ 25°C	0.985+/-0.05	g/m ³
Flash point	appr. 24.0	°C

Storage guidelines:

The resin should be stored indoor in the original, unopened and undamaged containers in a dry place at storage temperatures between 5°C and 30°C. Exposure to direct sunlight should be avoided.

Shelf Life:

Under the above-mentioned storage, the shelf life of the resin will be 12 months ex works.

Material Safety:

A material safety data sheet of the product is available on request.

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