



Methacrylic resin for cold plastic markings POLYACRYL, AC-810

PROPERTIES:

Polyacryl AC-810 is a methacrylate resin, used for permanent cold plastic markings. Cold plastic materials based on Polyacryl AC-810 are permanently elastic, weather resistant and resistant to abrasion. It is used in combination with Polyacryl AC-810, which is amine pre activated. Binder contains paraffin which tends to float when stored for a long period of time at lower temperature. Therefore, the binder must be homogenized before use by stirring.

Technical information:

Characteristics	Rang/Value	Unit	Ref.Standard
Appearance	Liquid	-----	-----
Color	Light yellow	-----	-----
Density	0.91 - 0.98	gr/c m3	ISIRI 898
Viscosity (D6/25°c)	9-12	sec	ISO 2431
Gel Time	10 - 12	Min	-----

Application:

Ac-800 is recommended for production of two/three component traffic paints (films with up to 3000 μ thickness) in mild and hot climate.

This resin can be used in special machines for applying two-part paint in a ratio of 2 to 98 or 30 to 70.

Specific characteristics:

- High flexibility
- High durability of the applied paint
- High resistance against chemicals and weathering conditions.
- yellowing Resistance.
- Suitable low temperature curing time.
- Resistance against fuels and salt.

Curing method:

While making the paint, add appropriate amount of accelerator (100 unit resin/0.7-1 unit accelerator) to the formulation. Then, prior to application add 1-3% benzoyl peroxide powder (paste) to the paint.

Storage:

Keep way from direct sunlight and under 30°c

Stability:

under aforementioned conditions:3months from production date.

Note:

To avoid explosion reaction, keep the hardener and the accelerator away from each other.