

## IRAN KETONE AC 150

### Thermoplastic acrylic resin

Test Specifications		Result
Solid Content	(ASTM D-1259)	45±1%
Acid Value	(ASTM D-1639)	4 -5 (mg KOH/gr)
Tg (DSC method)		+40 °C
Density (25°C)	(ASTM D-1475)	1.11 (gr/ml)
Viscosity (25°C)(delivery form)	(ASTM D-562)	3000-4000 (cp)
Color, Gardner	(ASTM D-1544)	1
Solvent		Normal butyl acetate
Flash Point	(ASTM D-93)	21 (°C)
Compatible Solvent		Glycol ethers, aromatic hydrocarbons, esters, ketones, ethers
Partial compatible solvent		Some aliphatic hydrocarbons.
Other resin compatibility		Nitro cellulose, CAB resin series 531,381, chlorinated polyolefin, oligomeric plasticizers, linear saturated polyester.
Drying mechanism		Solvent evaporation

#### Applications:

- Nail Polish, cosmetic lacquer.
- Nonpolar and polar plastic such as ABS, PC, PS, PET, PP & PE (with CPO).
- Metal and mineral coating.
- Artificial leather paint and lacquer coating.
- Internal and external enamel clear & colored coatings.

#### Principle properties:

- Excellent water and UV resistance.
- Good adhesion on polyolefin surface.
- Fast drying and balanced in flexibility and hardness.
- Some solvent resistance.

#### Storage:

- Keep away from sources of ignition and heat.
- Stored between 0°C to 40°C .

#### Shelf life:

- This product has a shelf life of 12 months from data of manufacture.

**Note:** the information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall not rely on statements herein when purchasing any products. Purchasers should make their own investigations to determine if such products are suitable for a particular use.