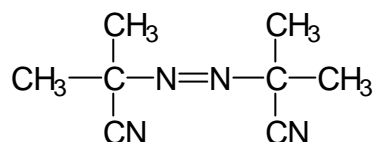


IMPRESSION**HM - 300**

Initiator for vinyl polymerization

DESCRIPTION IMPRESSION HM - 300 is initiator for acrylic and vinyl polymerization.

CHEMICAL NAME 2,2' - Azobis(isobutyronitrile)
2,2' - Azobis(2 - Methylpropanenitrile)
AIBN

STRUCTURE

CHEMICAL PROPERTIES Appearance : White powder
Purity : 99.9%
Molecular weight : 164.21
Melting(decomposition) Temperature : melt slightly above 100 (106)
Temperature of half life time($t_{1/2}$) for 10hrs : 65 (in toluene)
Solubility(Solvent 100g, 25)

- Toulene : 7
- Methanol(absolute) : 7.5
- Water : 0.04

APPLICATION Initiator of many chemical reactions, including :

- acrylic and vinyl polymerization
- halogenations
- oxidations and related chain reactions
- additions of small molecules across olefinic double bonds
- cross - linking

PACKING 25Kg in PE film paper drum

HANDRING and STORAGE The maximum storage temperature is below 24
It is strongly recommended that HM-300 be stored under refrigerated condition to ensure product.

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