SUNSHINE
CHEMTECH

AZOISISOBUTYRONITRILE (AIBN)



CHEMICAL NAME	**: 2,2'-Azobis(isobutyronitrile)**	**APPEARANCE**	**: White crystalline powder**
STRUCTURE	**: $[(CH_3)_2C(CN)]_2N_2$**	**ASSAY**	**: Min. 99%**
CAS No.	**: 78-67-1**	**SOLUBILITY**	**: soluble in most organic solvents**
PACKING	**: 20kg box**	**e.g. methanol, toluene, ethyl acetate; insoluble in water.**	

APPLICATION : **Used as a radical initiator in the polymerization of vinyl monomers such as vinyl chloride, vinyl acetate and acrylonitrile. Commonly utilized in the production of PMMA(acrylic glass) and as a blowing agent for plastics and rubber. It mediates radical-driven organic reactions, such as the Wohl-Ziegler reaction and is used in the synthesis of pharmaceuticals and fine chemicals.**