SUNSHINE
CHEMTECH

TERT BUTYL PER BENZOATE
(TBPB)



CHEMICAL : **Tertiary Butyl Per Benzoate**

STRUCTURE : **$(CH_3)_3$-COOCO-C_6H_5**

CAS No. : **614-45-9**

PACKING : **25 Kg in HDPE Carboy**

APPEARANCE : **Colorless to light yellowish liquid**

ASSAY : **Min. 99%**

ACTIVE OXYGEN : **Min. 8.08%**

SOLUBILITY : **soluble in most organic solvents like methanol styrene, Ethyl acetate, insoluble in water.**

APPLICATION : **Acts as a catalyst to initiate the polymerization of monomers (such as styrene, ethylene, and acrylics) to create various commercial plastics, used to cure unsaturated polyester resins (UP resins) in high-temperature molding processes like Sheet Molding Compound (SMC) and Bulk Molding Compound (BMC), serves as an efficient crosslinking agent for synthetic rubbers like EPR and EPDM, improving their durability and structural stability.**