SUNSHINE
CHEMTECH

DI TERT BUTYL PEROXIDE
(DTBP)



CHEMICAL NAME : Di Tert Butyl Peroxide

STRUCTURE : $C_8H_{18}O_2$

CAS NUMBER : 110-05-4

PACKING : 25 kg in HDPE Carboy

APPEREANCE : Clear colorless liquid

ASSAY : Min 99%

ACTIVE OXYGEN : Min 10.8

SOLUBILITY : Immiscible with water, highly soluble in non-polar organic solvents like acetone, toluene.

APPLICATION : This versatile chemical serves as a critical oxidizing, curing, and cross-linking agent in polymer production, particularly for EPDM, silicone, and various rubbers. It plays an essential role in manufacturing elastomers, thermoplastics, polystyrene, and polyacrylates by facilitating effective vulcanization and polymerization.