



Wuxi High Mountain Hi-tech Development Co.,Ltd

Technical Data Sheet

Version: 2.0

Oct. 10, 2023

Tert-Butyl Peroxy Benzoate #HMHT0077

HS Code	CAS No.	Formula	Molecule Weight	Shelf Life
29096090.00	614-45-9	C ₁₁ H ₁₄ O ₃	194.23 g/mol	6 months

Standard: Q/332500QF003-2022

Items	Unit	Specifications
Appearance		Yellowish Liquid
Purity	%	98min.
Tert-Butyl Hydroperoxide	%	0.2max.
Moisture	%	0.2max.
Acidity	%	0.1max.
Hydrolyzed chlorine	%	0.01max.
Refractive index		1.495-1.505
Color Number (Platinum-Cobalt Color Number)	Hazen	80max.

Packing:

In 25kg blue drum, 16mt in 1X20'FCL with pallets

Application:

It is a low volatile, light yellow transparent liquid, and is an ester organic peroxide. Used as a medium temperature initiator for polymerization reactions (such as polystyrene, polyethylene, polyacrylics), a curing agent for unsaturated polyesters, and a vulcanizing agent for silicone rubber.

Handling and storage conditions:

Avoid contact with skin and eyes. Keep containers in a dry, cool and well-ventilated place. Store away from incompatible materials and foodstuff containers.

Transportation information:

UN 3103 5.2 / PG II