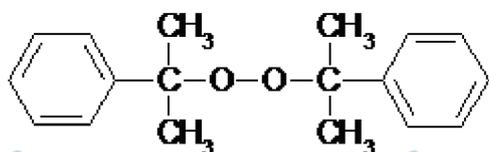


Dicumyl peroxide (DCP)

To enquire, Visit: www.jitsy.in



Dicumyl peroxide (DCP), also known as dicumyl peroxide CAS-No 80-43-3



$C_{18}H_{22}O_2 = 270.38$

Two: security data

Flash point (open cup).....UN

No.....52030

Three: the main technical indicators

Project	Indicators
Appearance	White rhomboid crystal
Content (% wt)	Min.99.5
Melting point (°C)	Min.39.0
Total Volatiles (% wt)	Max.0.10
Melt color (Pt-Co)	Max.100

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Four: performance

This product is white rhomboid crystal. Insoluble in water; soluble in ethanol, ether, benzene, cumene and other organic solvents. Specific gravity 1.048, sublimation under high vacuum, theoretical active oxygen 5.92%, decomposition temperature 90 °C.

Half-life in benzene: 1 minute at 171°C; 10 hours at 117°C; 100 hours at 101°C.

Five: use

DCP is an excellent organic peroxide, mainly used as polyethylene, EVA resin crosslinking agent; and ethylene propylene diene monomer rubber (EPDM), natural rubber, nitrile rubber vulcanizing agent; polymerization initiator; also can be used as unsaturated polyester curing agent; polypropylene melt index regulator. Widely used in wire and cable, EPS, shoes, flame retardant coatings and other industries.

Six: packaging, storage and transportation

(1) This product is packaged in PE plastic bags, each bag has a net weight of 5kg; the outer packaging is corrugated paper, each box has a net weight of 20kg.

(2) Storage temperature: below 30 °C.

(3) Avoid sun exposure and rain during transportation;

(4) Avoid heating, and it is strictly prohibited to store and mix with strong acid, reducing agent, etc.

Seven: purchase qualification

Hazardous chemicals business unit: provide business license, hazardous chemicals business license; hazardous chemicals use unit: provide business license, legal use instructions.

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