

**YLSCH Dicumyl peroxide (DCP-40C)**

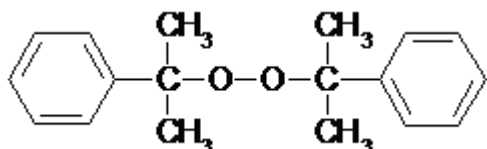
**CHEMICALNAME:**Dicumyl peroxide (DCP)

**MOLECULAR FORMULA:**C<sub>18</sub>H<sub>22</sub>O<sub>2</sub>

**MOLECULAR WEIGHT:** 270.38

**CAS NO.:**80-43-3

**MOLECULAR STRUCTURE:**



**SPECIFICATIONS:**

Appearance	White granular or column-shaped granular
Melting Point	127°C min
DCP content (%wt) :	40±2
Calcium carbonate content (%wt) :	60±2
Active oxygen content (%) :	≤2.3

**PROPERTIES:**

White powder, granular or column-shaped granular, insoluble in water and organic solvents.

Decomposing temp.: 120°C.

Half-life period: 1 min. when temp. is 180°C; 1hrs. when temp. is 135°C; 10hrs. when temp. is 116°C.

**USAGE:**

DCP-40C can be used as a cross-linking agent and vulcanizing agent in macro-molecular materials. It can be widely used in rubber, polyolefin, foam plastic, PE cable insulating, shoe-making and flame-retardant coating industries etc.

**PACKING:**

- (1) Charged into PE plastic bags, each 5kgs net weight and packed in carton box, each 20kgs net weight;
- (2) Not damageable if stored below 30°C;
- (3) Kept from direct sunbeam and avoid violent shaking during transportation;
- (4) Not permissible to be accompanied with strong acids or reductive agents during storage or shipment.