



天津怡佳胜科技有限公司 Tianjin Icason Technology Co.,Ltd



DCP		
	Molecular formula	C18H22O2
	Molecular weight	270.38
	CAS NO	80-43-3
	UN NO	3110
	EINECS	201-279-3
Chemical name	Dicumyl Peroxide	

Brief Introduction:

Dicumyl peroxide is white crystalline. Relative density of 1.082. Decomposition temperature 120 - 125 °C room temperature stable. Gradually become yellowish under light. Insoluble water, soluble ethanol, ether, acetic acid, benzene and petroleum ether.

Half Life Data:

100hr, Half Life Temp..... 101°C
1min, Half Life Temp..... 171°C

10hr, Half Life Temp..... 117°C

Specification:

Product	DCP 99	DCP 40B	DCP 40C
Appearance	White crystal	White powder	White granule
Purity, %	99 min	39.5-40.5	38-42
Carrier (%)	/	CaCO ₃ :59.5-60.5	CaCO ₃ :58-62

Application:

- Crosslinking of natural and synthetic rubbers, as well as thermoplastic polyolefins. Such as EVA foam sheet, EVA shoe sole and PE foam etc.
- Initiator of polymerization of styrene. In a mass process dicumyl peroxide can be advantageously used to increase polymerization rates.
- Coagent in flame-retardant polystyrene.
- High temperature initiator for the curing of UP/VE resin..

Package and Storage:

20kg, Carton; 5kg one bag, 4 bags in one carton

Storage in dry and ventilative warehouse, avoid rain, moisture. Away from fire and heat, avoid exposure, with no direct contact with the acid or mixed. Shelf life of one years.