

NOROX[®]DCP

DICUMYL PEROXIDE

CAS#80-43-3

Solid

Description

NOROX[®]DCP is a recrystallized grade of dicumyl peroxide in a powder form. NOROX[®]DCP is an initiator for polymerization and cross linking in elevated temperature processing and is generally used at operating temperatures of 150°C / 302°F and higher.

Technical Data

Dicumyl Peroxide:	98
Active oxygen	5.8
Form:	Solid
Color:	White
Specific Gravity @ 25°C:	1.102
Flash point (SETA C.C.)	127°C (260°F)
Melting Point:	38-40°C (100-104°F)
Insoluble in:	Water
Soluble in:	Aromatic Solvents, alcohols, acetones

Application

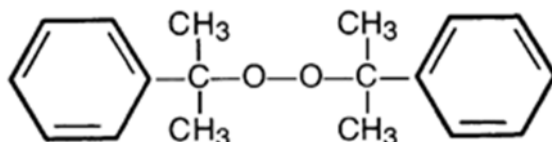
NOROX[®]DCP

Vulcanizing agent for synthetic elastomers such as EPDM, EPM, SBR and others.

- Cross-linking initiator for olefinic polymers and copolymers including polyethylene, polyvinyl-chloride (PVC), ethylene-vinyl acetate (EVA), and chlorinated polyethylene.

- High temperature initiator for curing of unsaturated polyester resins in BMC and SMC applications.

Chemical Structure:



Molecular Weight - 270.4

Empirical Formula - C₁₈ H₂₂ O₂

THERMAL DECOMPOSITION DATA (Half-Life in Benzene)

Temperature	116°C (241°F)	134°C (273°F)	172°C (342°F)
Time	10 hrs.	1 hr.	1 min

PACKAGING, SHIPPING & AVAILABILITY

- The standard package sizes of NOROX®DCP are 4x8 lb and 44 lb (20 kg) polyethylene bottles.
- NOROX®DCP is available pre-dyed in 44 lb (20kg) bottles. Please see United Initiators, Inc. TDS for Peroxide Dye Concentrates.
- Classification – Please refer to the specific NOROX®DCP Safety Data Sheet (SDS) under section 14 & 15, shipping & regulatory information. **NOTE:** SDS's for all United Initiators, Inc. products may be requested by contacting the company.
- NOROX®DCP is available through a global network. Call United Initiators, Inc. for the name of the distributor in your area

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