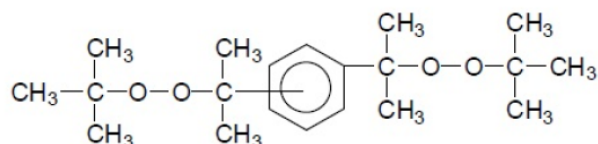


VUL-CUP[®] R FF CRUSHED

Vul-Cup[®] R is a highly efficient, low-odor crosslinking bis-peroxide.



Chemical name: bis(tert-butylperoxyisopropyl)benzene

CAS Number: 25155-25-3

Molecular Weight (g/mol): 338

STANDARD SALES SPECIFICATIONS

| Characteristics | Value |
|-----------------|----------------|
| Physical form | White crystals |
| Assay | >=96 % |

TYPICAL PROPERTIES

| Property | Value |
|---|----------------------|
| Self Accelerated Decomposition Temperature (SADT) | 70 °C / 158 °F |
| Flash point | ≥ 75.6 °C / ≥ 168 °F |
| Melting point | 35 - 45 °C |

APPLICATIONS

Vul-Cup[®] R FF Crushed is a bifunctional peroxide formulation used for the crosslinking of natural and synthetic rubbers. It is used in many applications such as building profiles, automotive rubber parts, wire and cable, technical rubber parts.

VUL-CUP® R FF CRUSHED

HALF-LIFE TEMPERATURE

The half-life time of a peroxide $t_{1/2}$ is a suitable means to determine its reactivity. It is dependent on temperature and can be calculated according to the Arrhenius equation.

| | |
|---------------------|---------------|
| $t_{1/2}$ (60 min) | 139°C / 282°F |
| $t_{1/2}$ (600 min) | 119°C / 246°F |

STORAGE AND HANDLING

Do not store above: 30°C (86°F) .

Vul-Cup® R FF has a shelf-life of 12 months from the date of Arkema delivery, if stored below 30°C (86°F).

PACKAGING AND TRANSPORT

Vul-Cup® R FF is packaged as a solid in 5-gallon pails or 55-gallon drums. A crushed solid version is available in 50 lbs boxes.

Vul-Cup® R FF is available in North America from Arkema and authorized distributors.

To discuss availability or speak to a salesperson, please call 844-LUPEROX.

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