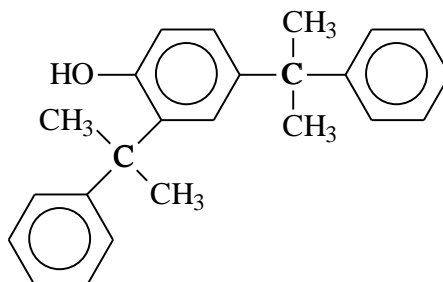


2,4 Di-Cumylphenol (DCP)



CAS No. 2772-45-4

DCP is typically a solid at room temperature but crystallizes slowly and can remain partially liquid for extended periods of time in a drum. It is usually handled as a liquid and has a melting point of 70° C. Potential applications of DCP include: antioxidant and an intermediate for low volatile benzotriazoles used as UV stabilizers.

Typical Properties

| | |
|------------------|---|
| Appearance | Pale yellow solid Pale yellow liquid (above 70° C) |
| Molecular Weight | 330 |
| Flash Point | ~300° C |
| Density @ 70° C | ~1.04 |
| Melting Point | ~66° C |

Specifications

| | <u>Spec.</u> | <u>Typical</u> |
|------------------------|--------------|----------------|
| 2,4-Di-cumylphenol, % | 97.0 min. | 98.5 |
| Para-cumylphenol, % | 3.0 max. | < 1 |
| Color, molten, Gardner | 3 max. | 1 |
| Moisture, ppm | 500 max. | 250 |

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