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Typical Product Specifications & Properties

2,5-Di(t-butylperoxy) 2,5-dimethyl-3-hexyne

CAS Number: : 1068-27-5

Specifications	Limits
% Active Oxygen (by weight)	5.03-5.36
% Assay / Description	45-48% Solid on Inert Filler, Powder
Half-Life: 10 hr. -T1/2°C	131
Half-Life: 1 hr. - T1/2°C	152
Molecular weight	286.4
Flash Point	(seta cc) 65 c
Specific gravity	0.89 (20 c)
Chemical Structure	 The chemical structure shows a central carbon-carbon triple bond (C≡C). Each carbon of the triple bond is bonded to a t-butylperoxy group (-O-O-C(CH3)3) and a methyl group (-CH3). The structure is drawn in a skeletal format with red oxygen atoms and black carbon atoms.



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415 Huguenot Street, New Rochelle, New York 10801

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