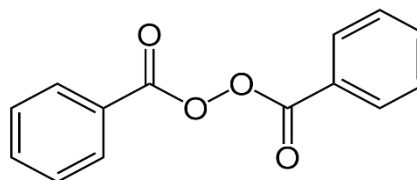


Di-Benzoyl peroxide specification

ماهور پلیمر تیران
MAHOUR POLYMER TIRAN



Chemical Name : Di-benzoyl peroxide
CAS NO : 94-36-0
Chemical formula : $((C_6H_5)CO_2)_2$
Molecular weight : 242.2



Characteristics	Test Method	Unit	Specification limits
Physical form	Mahourpolymer Tiran R & D		White granular powder
Active oxygen	Mahourpolymer Tiran R & D	Wt. %	4.8 - 5.03
Peroxide content	Mahourpolymer Tiran R & D	Wt. %	73 - 76
Total chloride	Mahourpolymer Tiran R & D	Wt. %	≤ 0.14
Hydrochloric acidity	Mahourpolymer Tiran R & D	Wt. %	≤ 0.06
Benzoic acidity	Mahourpolymer Tiran R & D	Wt. %	≤ 0.30
De-sensitizing agent	Mahourpolymer Tiran R & D		Water
Bulk density	Mahourpolymer Tiran R & D	gm/lit	600
Melting point	Mahourpolymer Tiran R & D	°C	102 - 105
Critical temperature	Mahourpolymer Tiran R & D	°C	75
Recommended storage temp	Mahourpolymer Tiran R & D	°C	30±5
Half-life(0.1 molar in benzoyl)	Mahourpolymer Tiran R & D	°C/h	72 °C/10h, 91 °C/1h, 130 °C/1min
Activity constancy at 35 °C	Mahourpolymer Tiran R & D	Month	7

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اصفهان، جاده شیراز، کوی راه حق

