

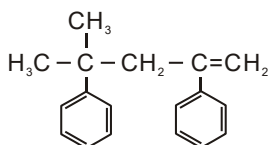
Technical Data Sheet

2,4-diphenyl-4-methyl-1-pentene

(AMS DIMER)

Chemical Name: 2,4-Diphenyl-4-methyl-1-pentene

Molecular Structure:



Formula: C₁₈H₂₀

Molecular Weight: 236.36

CAS NO. : 6362-80-7

Properties: Colorless, transparent, odorless liquid. Density is approx 1.0038 g/cm³, flash point is 110°C max, melting point is -82°C, boiling point is 300--320°C, diopetre is 1.5633.

Specification:

ITEM	INDEX
Appearance	Colorless transparent liquid
Purity as unsaturated dimer (%)	98 min
Unsaturated dimer content	
1- pentene (%)	≥91 min
2- pentene (%)	≤7max
Saturated dimer (%)	≤1.5 max
AMS monomer (%)	≤0.5 max

Application: It is mainly used in the manufacture of Polystyrene, ABS, AS, EPS, Synthetic Rubber, coating, printings and etc for controlling molecular weight distribution. It is also used as a scorch inhibitor in PE crosslinking.

Packing: In 200 kgs net drum with pallets. 16 mt in a 20' FCL.

Producer: Tian Wai Industrial Co., Ltd.

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