

Diamine Curing Agent 3#

Product Name: Diamine Curing Agent 3#

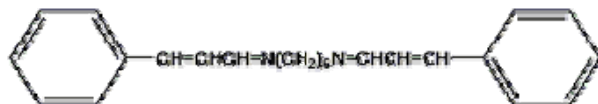
CAS NO: 140-73-8

Chemical Name: N,N'-Dicinnamal-1,6-hexamethylenediamine

Molecular: C₂₄H₂₈N₂

Molecular weight: 344.49

Molecular Structure:



Physical Properties: in form of yellowish or white powder, with aromatic cassia smell, soluble in alcohol and ethyl ether, specific gravity is 1.09. It can be stored in dry environment for long time.

Specification:

Assay	≥99.5%
Volatile	<0.1%
Melting Point	76-85° C
Moisture	<0.2%
Solved in alcohol	Clear and transparent

Uses: As a curing agent for fluorocarbon rubber, it shows excellent performance. Pores in the vulcanizate can be avoided with it. When carbon black is used as the main filler, 2-3 phr should be used; when mineral filler is used, the dose should be 3-4 phr. Usually, the press cure is carried out at 149 °C for 30 minutes, and post cure is for 24 hours at 204°C.

Storage and Handling: It is stable in properties at ambient temperature. Shelf life is 1 year. It's non hazardous non toxic. However, it may irritate skin. Avoid contact with eyes or skin. If contact wash with alcohol. Do not swallow it.

Packaging: 250g/plastic bottle, or as per customer's requests.