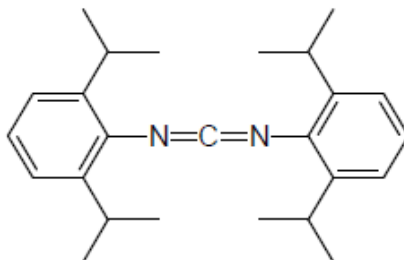


Technical Data Sheet

SUNSTAB HS-7000

Description



Chemical Name Bis(2,6-diisopropylphenyl)carbodiimide
CAS # 2162-74-5

Formula $C_{25}H_{34}N_2$
Mol. wt. 362.55

Specifications

Item	Specification
Appearance	White to off-white flake / powder
Assay (%) (GC, sum of all isomers)	Min. 99.5
Melting Point (°C)	49 ~ 53
Loss on Drying (%)	Max. 0.5

Applications

SUNSTAB HS-7000 is a highly efficient anti-hydrolysis agent for various polymers such as PU, TPU, PET, PBT, PA, PI, EVA, PLA, etc..

It works as an acid and water scavenger and prevents autocatalytic degradation. It also plays as a processing auxiliary to prevent a reduction in molecular weight, and may also be used to bring about a deliberate increase in molecular weight. SUNSTAB HS-7000 is suitable for stabilization of lubricating greases and oils against water and acid attack

The recommended dosage is 0.7 to 1.5% for PU systems based on polyester polyols for high grade TPU products, PU casting elastomers, PU rubber and PU adhesives. The recommended dosage for the production of monofilaments or industrial injection mouldings made of PET or polyamide is 0.5 to 1.5% depending on the desired degree of hydrolytic stability and the acid value of the original polymer. For EVA applications, it is used 3.0 to 5.0%.

Delivery & Storage

Package 20kg/carton box
Storage Keep package closed. Store dark and dry