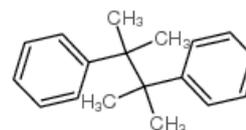


GC DICUMENE 90

2,3-Dimethyl-2,3-diphenylbutane

Chemical Formula
Molecular Weight
CAS registry number

$C_{18}H_{22}$
971.22
1889-67-4



GC DICUMENE 90 is a synergistic flame retardant and a promoter of non-peroxidic radicals. GC DICUMENE 90 finds application specifically in styrenic polymers and polyolefins. GC DICUMENE 90 has a good thermal stability for applications at high temperature and with a high UV resistance it is suitable for use in applications that requires good colour stability. The reaction mechanism is based on the relative instability of the C-C bond; however, this instability does not occur during processing of the compound but at reaction temperatures present during a fire.

PHYSICAL-CHEMICAL PROPERTIES

Appearance	White to yellow Powder
Assay, %	96 min
Melting Point, °C	100-110
Humidity, %	0.01 max

HANDLING AND STORAGE:	The processing and use of GC DICUMENE 90 requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information. GC DICUMENE 90 has to be stored in its tightly sealed original container in a cool and well-ventilated area, away from direct sunlight.
PACKAGING:	Standard packaging size of GC DICUMENE 90 is in 20 Kg plastic bags in cardboard boxes.

IMPORTANT NOTE

Some plastic additives, fillers or pigments can influence significantly on flame retardant properties. Before to use the products, please be informed.
Stop machine with high temperature could create degradation of polymers.
Please clean with neutral polymers.

Disclaimer:

Information contained in this document is provided to the best of our knowledge and is considered true as per revision date. We do not accept any liability for loss and damage that may occur from the improperly use of this information and for the use against the safety legal requirements and patent rights. This specification does not release the customer from the obligation to check the product as to its suitability for intended area of usage.