

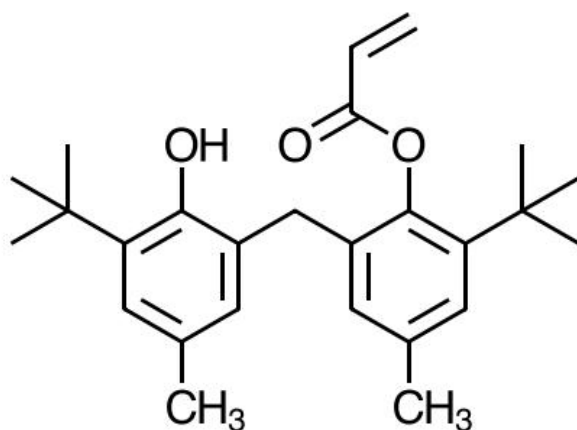
■ POLYMER ADDITIVES

## JADEWIN GM

### ANTIOXIDANT

#### CHEMICAL COMPONENT

COMPONENT	2-Propenoic acid, 2-(1,1-dimethylethyl)-6-[[3-(1,1-dimethylethyl)-2-hydroxy-5-methylphenyl]methyl]-4-methylphenyl ester
CAS	61167-58-6
FORMULA	C <sub>26</sub> H <sub>34</sub> O <sub>3</sub>
M.W	394.6



#### SPECIFICATION AND PHYSICAL PROPERTIES

TEST		UNIT	SPECIFICATION
APPEARANCE			WHITE SOLID
MELTING RANGE		°C	134-138
SOLUBILITY (PERCENT BY WEIGHT, 20°C)			
ACETONE	9	METHANOL	0.2
CHLOROFORM	30	METHYLENE CHLORIDE	29
ETHANOL	0.4	TOLUENE	2
ETHYL ACETATE	2	WATER	<0.01
N-HEXANE	0.2		

#### FEATURE AND APPLICATION



- JADEWIN GM is a multifunctional antioxidant for the stabilization of adhesives, elastomers, and plastics. Unlike conventional phenolic antioxidants, JADEWIN GM is effective to scavenge alkyl (carbon-centered) radicals. The product is particularly active under demanding processing conditions (high temperature, high shear) and under anaerobic conditions.
- JADEWIN GM is particularly useful for the stabilization of adhesives and elastomers derived from butadiene and other dienes, for example polybutadiene and copolymers of polybutadiene and other Monomers. The product is also effective in the stabilization of HIPS, ABS, SBS, SBR, NR, EPDM, and hydrocarbon resins.
- JADEWIN GM has highly effective to prevent gel formation in butadiene homo- and co-polymers, especially during processing under anaerobic conditions.
- JADEWIN GM non-discoloring and low volatility.
- JADEWIN GM has excellent resistance to extraction.
- JADEWIN GM has FDA-cleared for use in adhesives, styrenic block copolymers, ABS, polystyrene, and rubber-modified polystyrene.

#### **PACKING**

20 KG Carton

#### **STORAGE**

Keep container tightly closed and dry and storage in cool place