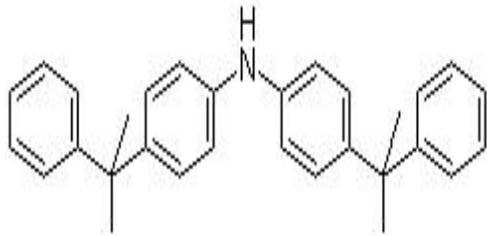


## Curekind 445

DESCRIPTION	Items		Specification	
	 <p>4,4-bis(α,α-dimethylbenzyl)diphenylamine</p> <p>C<sub>30</sub>H<sub>31</sub>N</p> <p>M.W.: 405.58</p> <p>CAS No.: 10081-67-1</p>	Appearance		White Crystals
		Initial Melting Point, °C	min.	98.0
		Heat Loss, %	max.	0.20
		Ash, % (800°C 2hr)	max.	0.10
		Residue on 830µm, %	max.	0
		Residue on 150µm, %	max.	0.50

**Characteristics** Curekind®445 is white crystals, Solubility: soluble in rubber and various organic solvents, slightly soluble in water and alcohol; thermal decomposition temperature: 280 °C; volatile: high molecular weight and low volatility.

**Application** Curekind®445, a highly efficient, non-toxic, tasteless, light color aryl secondary amine antioxidant. For natural and synthetic rubber, 445 has good protection performance against the light, heat, ozone, dug scratching caused by aging; also has passivation effect for base metal and heavy metal. Curekind® 445 can be single used or combine used with other antioxidant, can obtain good synergistic effect. Curekind® 445, small blooming, slightly changed color under sunlight. Special applications: Neoprene; medical and life care latex products, polyurethane foam, carbon black filled polyolefin, rubber wire cable, polyether, high-grade lubricants and adhesives.

**Dosage** Curekind®, used for rubber, dosage: 0.5-3phr; if used as a raw rubber stabilizer, dosage: 0.5-2.0phr; When in rubber compound, 0.5-1.0phr can replace 1.5-2.0phr of antioxidant D, BHT, RD, MB etc.

**Safety and Toxic** Refer to the MSDS

**Storage** Store in closed containers in a cool, dry, well-ventilated place. Avoid exposure under direct sunlight.

**Package** Co-extruded paper bag lined with PE plastics film bag. N.W. 25kg/bag; N.W. 500kg/pallet.

The information contained in this leaflet is based on tests carried out by our laboratories and data selected from references. Therefore it is not valid legally and does not signify any guarantee to customers of successful applications of the product according to their own formulas. However, our company will offer professional services in technology at utmost to facilitate customers to achieve expected purpose of product applications.