

## Rubber Antioxidant DTPD (3100)

**Chemical Name:** N,N'-ditolyl-p-phenylene diamine (mixture)  
**Other Name:** It is equivalent to Vulkanox 3100, Wingstay 100.  
**CAS No.:** 68953-84-4

### Technical Specification:

Item	Technical Specifications
Appearance	Brownish grey granules
Initial melting point (dry) °C	90-100
Heating loss (65°C, 3h) %≤	0.50
Ash content (800±25°C) %≤	0.30
Active components content %≥	80.0
Diphenylamine %≤	6.0
Fineness through 3/8" %≥	100.0
Iron content ppm≤	750.0
DPPD content %	16.0-24.0
DTPD content %	15.0-23.0
PTPD content %	40.0-48.0

**Properties:** It can resist ozone and provide the long-term protection. It is the efficient antioxidant used in tire industry and widely used for rubber products.  
 It can completely avoid the tire surface to become red due to the use of antioxidant 6PPD and IPPD.

**Application:** It is can be used for load tires, cross-country tires and various tires and bias-ply tires.

**Package:** Net weight: 25kg/bag, in kraft bag lined with plastic bag.

**Storage:** It should be stored in dry, clean and cool warehouse; dampness and heating are strictly prohibited.

**Precaution:** Please refer to the appropriate material safety data sheet (MSDS) prior to using this product.  
 FOR INDUSTRIAL USE ONLY.

**Disclaimer:** All information on this data sheet is based on laboratory testing and is not Intended for design purposes.