



**METAFRAX  
CHEMICALS**

## **PENTAERYTHRITOL MICRONIZED**

### **Application**

Micronized pentaerythritol is used in production of fireproof bloating agents and pentaphtol paint-and-varnish products, graphic printing paints, synthetic lubrication oils, alkyd resins etc.

### **Packaging**

Multiwall paper laminated bags net weight 25 kg.

### **Transportation and storage**

Product is transported by all modes of transport in accordance with the rules of goods carriage, valid for this mode of transport. Product is transported in closed transport facilities. Product is stored in covered accomodation on pallets at the height of no less than 5 cm from the floor and at a distance of no less than 1 m from the heating units.

### **Manufacturer's guaranty**

Guaranty period of storage to be 3 years from the date of shipment, provided that all transportation and shipment rules are observed.

### **Sales in the Russian Federation and CIS**

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### **Sales for export**

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## Main physical and chemical features

Parameter name	Norm	
	High grade	First grade
Appearance	White caking powder	
Mass fraction of monopentaerithritol, %, no less	98,0	95,0
Melting point, °C, no lower	258	245
Mass fraction of water and volatile compounds, %, no more	0,1	0,2
Mass fraction of ash, %, no more	0,0015	0,01
Colour of melt on APHA, hazen units, no more	100	200
Mass fraction of hydroxyl groups, %	49,7—50,0	49,4—50,0
Mass fraction of a product after a sieve with a mesh cell 0,04 mm, %, no more	1	1
pH of pentaerithritol aqueous solution with mass fraction 5 %	5,0-7,0	5,0-7,0