



PENTAERYTHRITOL micronized

Micronized monopentaerythritol is a finely dispersed powder, which in the composition of a fire retardant paint, when heated to a temperature of 250C and above, forms a dense carbon layer with a very low thermal conductivity, which provides a significant reduction in the thermal effect on the protected material

APPLICATION



Pentaerythritol micronized is a white fine powder and is used primarily as a raw material for the production of fire protection coatings and paints.



it is also used in production of flame retardant and pentaphthalic paintwork materials, printing inks, synthetic lubricating oils, alkyd resins

PENTAERYTHRITOL MICRONIZED

Specification:

ITEM OF TEST	TEST RESULTS
APPEARANCE:	WHITE POWDER
CONTENT MONOPENTAERYTHRITOL	98%
MELTING POINT °C	258
WATER CONTENT %, MAX	0,1
CONTENT ASH, MAX	0,0015
MELT COLOR, APHA, MAX	100
HYDROXYL VALUE, MAX	49,7-50,0
PH (5% WATER SOLUTION)	5-7
PARTICLE SIZE< 40 UM, MIN	99%

CAS N: 115-77-5, EC N: 204-104-9

Chemical formula: C5H12O4

Appearance: white color caking powder.

Applications: intumescent systems

Packaging: Bags 25 kg, Big Bags 500 kg & 1.000 kg, bulk

Shelf life: 12 months