

Technical Data Sheet

Item

Name	Pentaerythritol
Synonyms	2,2-Bis(hydroxymethyl)1,3-propanediol, Pentaerythrite Tetramethylmethane, PETP
Cas number	115-77-5
Grade	98%

Application

Paints Industry, Coatings Industry, Polyurethanes Industry, Plastic Industry

Packaging

PP bags with a plastic liner net weight 25kg
Multiwall moisture-proof paper bags net weight 25kg
Big bags net weight 500kg & 1000kg

Specifications

Parameter	Specification
Appearance	White crystalline powder
Mass fraction of mono-pentaerythritol, %	98
Melting point, °C	258
Mass fraction of water and volatile compounds, %	0.1
Mass fraction of ash, %	<0.0015
Chromaticity of fusion cake by Pt-Co scale, unit Hasen	100
Mass fraction of hydroxyl groups, %	49.7-50.0
pH of water solution with mass fraction 5%	5.0-7.0
Mass fraction of production passing through sieve 01K, %	13