



ORBITALA

who dares wins

PRODUCT: PETN | Synonyms: PETN, Penthrite, Pentrit, Nitropenta

Chemical name: 2,2-Bis(hydroxymethyl)propane-1,3-diol tetranitrate

Chemical formula: C₅H₈N₄O₁₂

Particle sizes: According to MIL SPEC

MIL SPEC: MIL-P-387C

Cas #: 78-77-5

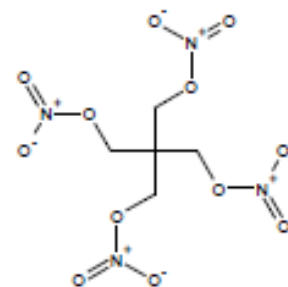
Class: 1.1D

UN number: UN0150



CHARACTERISTIC:

<u>Quality parameter</u>	<u>Unit</u>	<u>Required value</u>	<u>Found value</u>
Appearance		crystalline white powder	comply
Melting point	°C	min. 139	140,8
Chemical stability Bergman - Junk	ml NO/g	max. 2.0	
Sieve analysis :			
Residue on sieve 1.6 mm	%	0	
Residue on sieve 0.63 mm	%	max. 5	
Pass through sieve 0.2 mm		max. 75	
Vacuum stability test, 5g, 100°C/48hours	cm ³ /1g	max. 0.5	



USES:

Used for miscellaneous uses in the explosive industry.