



ORBITALA

who dares wins

PRODUCT: TNT

Chemical name: Trinitrotoluene

Chemical formula: $C_6H_2(NO_2)_3CH_3$

MIL Spec: MIL-DTL-248 D

Particle sizes: according to MIL specs, class 1, class 2

CAS number: 118-96-7

UN number: UN0209

CLASS: 1.1 D

CHARACTERISTIC:

Parameter	Standard values (Test method)	Parameter	Standard values (Test method)
Appearance	Flakes of light-yellow to yellow without any visible mechanical impurities and without signs of moisturizing. Individual flakes stick together separated by hands are accessible	Exudation-spot test	45 mm max(TL 1376)
Solidification point, °C, max.	80.2°C min	Exudation-weight loss	0.3% max(TL 1376)
Moisture and volatiles, %, max.	0.1% max	Thickness of flakes average	0.635 mm max (DTL 4.4.8)
Insoluble matter in organic solvents, %, max	0.05% max	Thickness of flakes maximum	1.016 mm max (DTL 4.4.8)
Acidity expressed as sulphuric acid, %, max	0.020% max		

USES:

Used especially as an explosive and variety of possibilities