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## DINITROTOLUENE/ TRINITROTOLUENE, DNT/TNT

### GRADE "A"

#### *Technical specification*

1. Trinitrotoluene (TNT) content, % (m/m) max	30
2. Dinitrotoluene (DNT) content, % (m/m), min	70
3. Solidification point, ° C min	40,5
4. Insoluble in benzene, % (m/m), max	0,2
5. Ash content, % (m/m), max	0,15
6. Acidity (as H <sub>2</sub> SO <sub>4</sub> ), % (m/m), max	0,10
7. Abel <sup>s</sup> test at 65 °C, min	30
8. Nitrogen content, % (m/m)	from 15,4 to 16,3
9. Mononitrotoluene (MNT) content	in traces

### GRADE "B"

#### *Technical specification*

1. Color and appearance	pale yellow to slightly brown viscous liquid without mechanical impurities
2. Trinitrotoluene (TNT) content, % (m/m)	15-25
3. Solidification point, ° C	from 45 to 55
4. Acidity (as H <sub>2</sub> SO <sub>4</sub> ), % (m/m), max	0,005
5. Alkalinity	must not be alkaline
6. Moisture and volatile, % (m/m), max	0,25
7. Matters insoluble in benzene, % (m/m), max	0,10
8. Tetranitromethane	not allowed