

CAST TNT

PRODUCT SPECIFICATION

Shaped solid TNT produced by the solid-liquid method shall have the properties specified below:

Solid pieces shall be in accordance with TNT, Spec. MIL-DTL-248, Type I.

Voids, cracks and cavities on the outer surface of solid pieces shall be allowed which don't prevent entrance of liquid TNT.

No.	Specifications	Requirements
1	Out appearance	Cast charge/ blocks
2	Color	Yellow to dark yellow
3	Solidification point, °C , not less than	80,2 °C
4	Moisture and volatile substances: max	0,07%
5	Acidity as per sulfuric acid: max	0,01%
6	Insoluble matters in acetone/ (or benzene/ toluene): max	0,10%
7	Specific weight	1,35 ÷ 1,61 g/cm ³
8	Lack of Sodium	No
9	Diameter Type 400g Type 175g	90 ÷ 120 mm 70 ÷ 100 mm
10	Thickness Type 400g Type 175g	30 ÷ 40 mm 20 ÷ 30 mm
11	Shell life	Min 20 years

* Dimensions may change according to requirements of end user