

SPEC SHEET - M4A2 Propelling Charge

NO:1310-TAC-253

Description

155 mm M4A2 propelling charge, zones 3,4,5,6,7. To be used in M114, M109 series, M198, FH70, FH77 howitzers. It is compound by single base powder GSB 124 multi-perforated (M1 reference). One base cloth bag and four different cloth bags to provide five firing zones. It has an initiation charge type CBI and a flame reducer on bags 3.

Main technical parameters

Caliber (mm): 155

Projectile type: M 107 zone 3

Propelling charge type: M4A2 (white bag)

Main ballistic parameters

Max. firing range, (m): 14 800

Muzzle velocity, (m/s): Max. 565

Max. pressure, (bar): Max. 2 207

Loading Separate

Main technical parameters

Weight, (kg): 6 100

Length (mm): 533.4

Diameter: 152

Powder type: GSB 124 Multiperforated

Primer: MK2A4 or M82 depending

Operating temperature: From – 53 to +63 °C

Packing of propelling charge: Type (In a metal/plastic container M13A1) (or substitute) a charge and a primer

Quantity on a palette: 12 metal/plastic containers

Dimensions, (mm): 1 000 x 800 x 805

Volume, (m3): 0.644

Weight, (kg): 235