



ORBITALA
who dares wins

Single Base Powder 9/7

PRODUCT: Single Base Powder 9/7

- Smokeless power / yellow granules solid
- Nitrocellulose (NC) as main energetic material, Diphenylamine (DPA).
- suitable for full and reduced charge for 122mm howitzer gun M-54 and D30 and for reduced charge for 130mm howitzer gun M-46 and type 59
- UN Number: UN 0161
- CAS No. : Mix

CHARACTERISTICS:

Description	Unit	Content
Total volatility	%	≤4.5
External volatility	%	1.0-1.8
Internal volatility	%	≥ 0.9
Average web	mm	0.95-1.10
Average diameter of hole	mm	0.40-0.60
Average length	mm	11.5-12.6
Chemical stability at 134.5 °C	min	≥40

Ballistic Specifications	Charge 2	Charge 4
Average muzzle velocity, m/s Vo	705	525
Probable error of muzzle velocity m/s	≤1.5	≤1.5
Chamber pressure per set, MPa Pm	≤264.8	≥107.9
Weight (g)	5700	-