



ORBITALA
who dares wins

Single Base Powder 4/7

PRODUCT: Single Base Powder 4/7

- Smokeless power / Black granules solid
- Nitrocellulose (NC) as main energetic material, Diphenylamine (DPA) and graphite.
- suitable for heavy machine gun 12.7x108 mm.
- other use: additional charge for 55-120mm
- UN Number: UN 0161
- CAS No. : Mix

CHARACTERISTICS:

Description	Unit	Content
Total volatility	%	≤ 3.5
External volatility	%	1.0-1.8
DPA	%	1.0-2.0
Internal volatility	%	≥ 0.6
Graphite	%	≤ 0.4
Average web	mm	0.45-56
Average diameter of hole	mm	0.15~0.25
Average length	mm	2.5~3.5
Chemical stability at 134.5 °C	min	≥ 40

Ballistic Specifications		
Max. chamber pressure	Mpa	≤ 333.4
Average chamber pressure		≤ 304
Average muzzle velocity	m/s	830
Total charge	g	≈ 1