

POLYNEGE

GUIDED AMMUNITION FOR MAIN BATTLE TANK



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Mission

The POLYNEGE ammunition is a type "Top Attack" 120 mm shell, which comes as a complement to the APFSDS shell and which is designed to defeat main battle tanks beyond the line of sight. Its versatility would also enable it to engage other targets such as light armoured vehicles, dismantled troops, infrastructures or slow aerodynes.

POLYNEGE will meet all the STANAG 4385 and MOPI AEP 26 requirements and will be able to be fired by the LECLERC, Abrams M1 (A1 et A2), Leopard 2, C1 Ariete main battle tanks and other tanks armed with 120 mm smoothbore guns.

POLYNEGE would be suitable for use as part of the BOA.

Specifications

Total weight	28 kg
Total length	984 mm
Projectile weight	20 kg
Muzzle velocity	From 600 to 800 m/s
Projectile type	Under study (CC, CGN...)
Cartridge case type	Combustible
TPA type	Semi-combustible

Range	> 2000 m and < 7000 m
Penetration effectiveness	NATO targets and specific targets

Status

Concept study and demonstration.

