

HIGH EXPLOSIVE COMPOSITION FOR THEWARHEAD(HL-W007)

Two types of warheads to be used in two different modes, namely; PFwarhead to defeat radiating targets such as radars etc and PCB warhead to neutralize moderately protected built up targets like bunkers / concrete targets etc.

The PF warhead consists of a kill mechanism which comprises of a metallic casing in which preformed fragments are embedded in a resin matrix. On detonation of the warhead, fragments are ejected out with high velocity which penetrates into the target and cause the requisite damages. The PCB warhead is designed to cause damages to moderately protected targets such as bunkers etc. PCB warhead consists of impact delay fuze which enables the warhead to function after penetrating a moderately protected target. On detonation, the internal blast and the natural fragmentation cause required damages to the protected targets.

The processing and characterization of these warhead compositions have been fully established and it is ready for ToT.