



PEPEX

HIGH EXPLOSIVE / PLASTIC EXPLOSIVE

PEPEX is a high-performance, military-grade plastic explosive designed for cutting, breaching, demolition, and specialized munitions applications. It offers excellent moldability and consistent detonation properties across a wide range of environmental conditions. The formulation is based on proven PETN and plasticizer compositions, delivering superior energy density, detonation velocity, and user safety.

PERFORMANCE SPECS

Velocity of Detonation, min.	7,200 m/s
Density, min.	1,400 kg/m ³
Detonation Pressure	>25 GPa
Heat of Explosion	3,679 KJ/kg
Oxygen Balance	-62.6% O ₂
Sensitivity to impact, hammer, min.	4 J
Friction Sensitivity, min.	80 N

HAZARD CLASSIFICATION

UN Number	0084
Hazard Class	1.1D
Compatibility Group:	D

PACKAGING INFO

PEPEX explosives are packaged in waxed paper. They are supplied in the form of bricks with a mass from 250 to 3,000 g according to the customer's requirements.

There are 24 or 25 kg of explosives in the transport packaging.

