

# PE8 Plastic Explosive

Energetic Systems

Chemring  
Energetics UK



**PE8 is an advanced formulation plastic explosive used in military and commercial demolition operations, mouldable by hand to form demolition charges of various shapes and weights.**

## Application

- On-site loading of user-filled charges
- General cutting purposes ranging from the most basic to very sophisticated tasks
- Explosive Ordnance Disposal bomb and mine clearance tasks
- Explosive welding and forming
- Easily cut with a sharp knife to match the charge weight to the target

## Description

PE8 is fully compliant with the UN Convention on the Marking of Plastic Explosives for the Purposes of Detection and is an insensitive, RDX-based high explosive suitable for EOD or general demolition tasks. The specially formulated explosive composition provides a high level of safety whilst maintaining peak performance for metal cutting. It is waterproof and may be deployed underwater if necessary.

PE8 is designed to be easily and reliably initiated by Chemring's range of detonators, detonating cord and Detonating Cord Boosters.

PE8 is supplied in a 20kg full military pack containing two 10kg bulk packs each containing five 2kg slab packs. Each slab pack is fitted with two detonator holders to allow rapid deployment.

## Specifications

RDX content:	86.5% by weight (nominal)
Plasticisers / Binder content:	12.5% by weight (nominal)
DMNB Taggant:	1% by weight (minimum)
Velocity of detonation:	8000m/s (nominal)
Density:	1.57g/cm <sup>3</sup>
Mass:	500g
NEQ:	20kg (per logistic pack)
Temperature:	-46°C to +71°C
Shelf Life:	5 years

## References

Product Codes:	PE8
NATO Stock Number:	1375-99-488-9723
Hazard Class:	1.1D
UN Number:	0084
Proper Shipping Name:	EXPLOSIVE BLASTING, TYPE D

## Packaging

Outer Logistic pack Qty:	40	Gross Weight:	37.9kg	Dimensions:	523 x 464 x 267mm
NEQ:	20kg	Net weight	20kg	Volume:	0.071m <sup>3</sup>
Inner Tactical pack Qty:	20	Gross Weight:	13.5kg	Dimensions:	350 x 229 x 232 mm
NEQ	10kg	Net weight	10kg	Volume:	0.019m <sup>3</sup>
2kg Slab pack Qty:	4	Gross Weight:	2.5kg	Dimensions:	290x 214 x 36 mm
NEQ	2kg	Net weight	2kg	Volume:	0.002m <sup>3</sup>