

Explus Emulsion Primers

EPC-UK supply Explus TSR primers in 50mm and 35mm diameter cartridges. This explosive is suitable for use as a primer for initiating Ammonium Nitrate based explosives in shallow large diameter holes as experienced in opencast coal sites.

Packaged emulsions contain water in oil compositions, i.e. where the water solution of oxidisers is dispersed evenly between the oil phase. A surfactant (emulsifier) is used to ensure that the oxidiser remains dispersed in the fuel. A density reducing agent is added to make the product detonator sensitive.

As a result of the intimate blend of the oxidiser and fuel and the fine particle size, emulsions have a relatively high velocity of detonation in comparison to other products. These products have excellent water resistant properties.



Product and Company Identification

Product Identifier	Cartridged Emulsion Explosives: Explus TSR
Use of the Product	Explosive mainly used in quarries, mines and public construction work.
Manufacturer / Supplier	EPC-UK EXPLOSIVES
Address	ROUGH CLOSE WORKS CARNFIELD HILL SOUTH NORMANTON ALFRETON DERBYSHIRE, DE55 2BE
Telephone Number	01773 832253
Contact e-mail	info@epc-groupe.co.uk
Emergency Telephone Number	01773 832253

Product Specification

Product Type	Emulsion Primers
Product Name	Explus TSR
Weight Strength (% ANFO)	130
Bulk Strength (% ANFO)	206
Density (g/ml)	1.27
VOD (m/s)	5500
Gas Volume (l/kg)	708
Water Resistance	Very Good
Detonator Sensitive	Yes (0.6g PETN or Equivalent)
Temperature Range (use) °C	-10/+60
Shelf Life	1 year
UN Number	UN0241
UN Description	Explosive, Blasting, Type E
UN Class/Compatibility Group	1.1D
CE Mark	0080.EXP.08.0020



Packaging Details

Product Packaging	Plastic Laminate
Cartridge Diameter (mm)	50
Cartridge Length (mm)	250
Cartridge Weight (kg)	0.5
Cartridges/box (kg)	50

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TERMS AND CONDITIONS: "The products and services that we supply to you are sold subject to our standard Terms and Conditions of Supply and any other Special Conditions that we notify to you. Copies of these conditions are available on request."

The information contained in this leaflet is given without warranty and cannot cover all conditions of use. Users should undertake their own tests to ensure the suitability of the products for their own particular application.

