

# HEET<sup>®</sup> / Hydromite<sup>®</sup>

## Packaged Blends

PRODUCT INFORMATION BROCHURE

Hydromite & HEET products are blasting agent mixtures of emulsion and ANFO packaged in woven poly-plastic cartridges.

### ADVANTAGES

- Wide choice of energies to match blasting requirements.
- Develops excellent gas volume for heave displacement.
- Economical wet hole charge.
- Excellent water resistance in all grades (HEET dependent upon package integrity).
- Superior resistance to dynamic pre-compression.



### PROPERTIES

Product	Density [g/cc]	RBS <sup>‡</sup>	VOD	
			[ft/s]	[m/s]
HEET 130	1.22	138	13,500	4,100
HEET 140	1.32	144	16,000	4,875
Hydromite 820	1.28	132	14,000	4,270
Hydromite 823	1.29	147	13,700	4,180
Hydromite 840	1.27	126	14,900	4,550
Hydromite 843	1.28	141	14,600	4,450
Hydromite 860	1.26	122	15,800	4,820
Hydromite 863	1.27	138	15,500	4,725

<sup>‡</sup> Energy is calculated using TIGER, a thermo-dynamic computer code used by Austin Powder Company. Other computer codes may give different values. ANFO = 100 @ 0.82 g/cc.

### PRIMING

These products are blasting agent explosives and must be in direct contact with an appropriate size cast booster (recommended minimum 1 lb). Additional primers may be required depending upon borehole or geological conditions.



**AUSTIN POWDER**

Austin Powder Company, 25800 Science Park Drive

Phone: 1-800-321-0752 | Fax: 1-216-464-4418 | Email: info@austinpowder.com | www.austinpowder.com



# HEET<sup>®</sup> / Hydromite Packaged Blends

## STANDARD PACKAGING DETAILS

Cartridge Style	Cartridge Size (dia. x wt.)	
	Inch x lb	mm x kg
WPP	3 x 10	75 x 4.5
WPP	3 x 12	75 x 5.5
WPP	3 ½ x 15	90 x 6.8
WPP	3 ½ x 16	90 x 7.3
WPP	4 x 20	100 x 9.1
WPP	4 ½ x 25	114 x 11.4
WPP	5 x 30	127 x 13.6
WPP	5 ½ x 40	140 x 18.2
WPP	6 x 40	150 x 18.2
WPP	6 ½ x 50	165 x 22.7
WPP	7 x 50	178 x 22.7
WPP	7 ½ x 50	190 x 22.7
WPP	8 x 50	203 x 22.7
WPP	8 ½ x 50	216 x 22.7
WPP	9 x 50	229 x 22.7

WPP – Woven Polypropylene

Note: All dimensions and weights are nominal.



## STANDARD TECHNICAL DESCRIPTION

Booster sensitive emulsion / ANFO blends

## STORAGE

Store in accordance with all applicable local, state, provincial and federal laws.

## SHELF LIFE

Six months from date of manufacture under good storage conditions.

## TRANSPORTATION DATA

### UN CLASSIFICATION

Shipping Name: Explosive, Blasting, Type E

Class & Division: 1.5D

ID Number: UN0332

### US DOT REFERENCE NUMBER

EX-1993050178

**Disclaimer of Warranties and Limitations of Liabilities:** Products described in this bulletin are sold by Austin Powder Company without warranty; express, implied or statutory or as to MERCHANTABILITY, except as expressly stated in Austin Powder's straight bill of lading. Under no circumstances shall seller be liable for loss of anticipated profits, consequential damages or incidental damages.

© 2020 Austin Powder Company. All rights reserved.

For more information and service locations in your area, please contact Austin Powder Company's headquarters:



## AUSTIN POWDER

Austin Powder Company, 25800 Science Park Drive

Phone: 1-800-321-0752 | Fax: 1-216-464-4418 | Email: [info@austinpowder.com](mailto:info@austinpowder.com) | [www.austinpowder.com](http://www.austinpowder.com)

1/2/02 | r 01/31/2020