



Dongguan Baoxu Chemical Technology, Ltd.

P:+86-0769-22821082 Fax:0769-22821083

Email:info@additivesforpolymer.com Web:www.additivesforpolymer.com

8th Chenwu East Road, Houjie Town, Dongguan City, Guangdong Province, China

# (DTPMP•Na<sub>7</sub>)Sodium salt of Diethylene Triamine Penta (Methylene Phosphonic Acid)

## Properties

CAS No. 22042-96-2 (x-Na) 68155-78-2 (7-Na)

Molecular Formula: C<sub>9</sub>H<sub>21</sub>O<sub>15</sub>N<sub>3</sub>P<sub>5</sub>Na<sub>7</sub>

Molecular weight: 727

Structural Formula:

## Introduction

DTPMP•Na<sub>7</sub> is a general-purpose scale inhibitor, powerful sequestrant, and excellent barium sulfate scale inhibitor. DTPMP•Na<sub>7</sub> can be used as a stabilizer for peroxide bleaching, detergent auxiliaries, industrial & municipal cleaning water, terrestrial heat water, oilfield water, etc.

## Specification:

Items	Index	
Appearance	Umber transparent liquid	
Active content (DTPMPA)% >	31.5-33.5	24.0-26.0
Active content (DTPMP•Na <sub>7</sub> )%	40.0-42.5	30.5-33.0
Total phosphoric acid(PO <sub>4</sub> <sup>3-</sup> )%	-	19.7-21.7
Chloride (as Cl <sup>-</sup> ) %	5.0 max	5.0 max
Fe, mg/L	20.0 max	20.0 max

The information and statement herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility, Users should undertake sufficient verification and testing to determine the suitable for their own particular purpose of any information or products referred to herein. No warranty of fitness for a particular purpose is made.



Dongguan Baoxu Chemical Technology.,Ltd.

P:+86-0769-22821082 Fax:0769-22821083

Email:info@additivesforpolymer.com Web:www.additivesforpolymer.com

8th Chenwu East Road, Houjie Town, Dongguan City, Guangdong Province, China

---

PH(1% water solution)	7.0-9.0	7.0-9.0
Density (20°C) g/cm <sup>3</sup>	1.25 min	1.24-1.34

## Package and Storage:

200L plastic drum, IBC(1000L),customers' requirement. Storage for ten months in a shady room and dry place.

## Safety Protection:

Avoid contact with the eye and skin, once contacted, flush with water.

---

The information and statement herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility, Users should undertake sufficient verification and testing to determine the suitable for their own particular purpose of any information or products referred to herein. No warranty of fitness for a particular purpose is made.