



POLYFLOC ANIONIC SERIES FLOCCULANT

WHAT IS POLYFLOC SERIES FLOCCULANTS?

Flocculant is water soluble synthetic polymer used as a tool to facilitate the **separation of materials** in suspension of aqueous media. It comes in varying families of products of natural or synthetic origin.

Our flocculants also help to **dewater sludge** from various separation processes. The separation process will occur rapidly when there is difference in density between the liquid medium and the particle itself.

Our POLYFLOC series flocculants are **effective in a wide pH and temperature** range without the needs for pH adjustment.



POLYFLOC SERIES PRODUCTS RANGE

POLYFLOC ANIONIC POWDER TYPE SERIES



BIODEGRADABLE



ENHANCES PLY BOND
STRENGTH



COST SAVING



ACT AS DECOLORANT



HEAVY METAL FREE



FOOD INDUSTRY
FRIENDLY

POLYFLOC SERIES

POWDER TYPE ANIONIC FLOCCULANT

POLYFLOC ANIONIC POLYMER PRODUCT SPECIFICATIONS

Polymer	AP8017	
Charge Density	Medium	
Molecular Weight	Very High	
Mesh Size	% > 10 mesh	2 max
	% < 100 mesh	6 max
Approximate bulk density	0.80	
Recommended operating concentration (g/L)	3	
Maximum operating concentration (g/L)	5	
Dissolution time in DI water @ 5 g/L @ 25°C (minutes)	60	
Stability of DI water solution (days)	1	

Dry Powders

Monomers are polymerized in a gel form. The gel obtained is then ground and dried. The main advantage of these products is the 100% activity.



Characteristics

- Available in powder form and need to be dissolved with water
- Storage temperature (°C) is between 0 – 35
- 24 months of shelf life
- 25 kg per bag

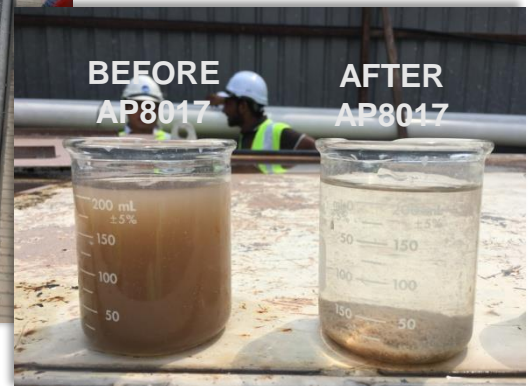
APPLICATION



CONSTRUCTION COMPACT SKID WATER TREATMENT

INTRODUCTION

Construction works such tunnel drilling, piling works and workers quarters require water treatment. The limited space and mobility of the treatment system need to be taken into consideration due to site requirement. We able to design, build and operate the compact skid treatment system base on site requirements.





DIA-Chemical Sdn Bhd

OUR PRODUCTS

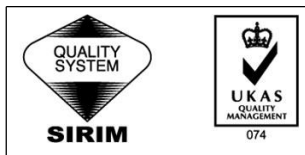
- DIACHLOR™ SERIES COAGULANTS
- POLYFLOC SERIES FLOCCULANTS
- OTHER SPECIALTY CHEMICALS
 - EMULSION BREAKER EL-1000
 - AMMONIA REMOVAL AMRemove-1000
 - BIOGAS BOOST 1000

OUR SERVICES

- JAR TEST ANALYSIS
- BIOMETHANE POTENTIAL MEASUREMENT
- WATER & WASTEWATER ANALYSIS
- ENGINEERING SERVICES
- TURNKEY PROJECT FOR TREATMENT PLANTS
- EPCC FOR TREATMENT PLANTS

For more details, please visit us at www.dia-chemical.com

CERTIFIED BY



CERTIFIED TO ISO 9001:2015
CERT. NO.: QMS 03673

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