



Anionic Polyacrylamide

DESCRIPTION

Anionic Polyacrylamide is a high molecular weight anionic flocculant supplied as a free-flowing granular powder. The product is designed for use in water treatment, mineral processing, drilling, and industrial solid-liquid separation applications requiring efficient flocculation and settling performance.

KEY FEATURES

- High molecular weight anionic flocculant
- Excellent solid-liquid separation performance
- Effective across a wide range of industrial applications
- Fast dissolution and good solution stability
- Suitable for wastewater and mineral processing systems

APPLICATIONS

- Oil drilling
- Industrial wastewater treatment
- Bored piling
- Mineral processing
- Sludge dewatering
- Solid-liquid separation systems

TYPICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Appearance	Off-white granular powder
Particle Size	98% < 850 µm
Molecular Weight	18 million
Hydrolysis Degree	28 – 30%
pH of 1% Solution at 25°C	4 – 8
Recommended Stock Solution	0.2 – 0.5%
Recommended Feed Solution	0.05 – 0.1%
Solution Viscosity (1.0 g/L)	320 – 324 mPa·s
Solution Viscosity (2.5 g/L)	680 – 772 mPa·s
Solution Viscosity (5.0 g/L)	1530 – 1552 mPa·s



**LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.**

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This document is subject to revision without notice as new data becomes available.

TECHNICAL SUPPORT
+61294103317
info@chemport.com.au

Level 9 Tower A
821 Pacific Highway
Chatswood NSW 2067
Australia
chemport.com.au

PACKAGING

Supplied in 25 kg plastic bags shrink-wrapped onto export pallets. Bulk bags and bulk tanker supply available upon request.

STORAGE & HANDLING

Store in a cool, dry place away from moisture and humidity. Prepared stock solutions are recommended for use within 1–2 days. Avoid the use of aluminium and galvanised equipment in handling systems.

SAFETY

Refer to the Safety Data Sheet (SDS) for detailed safety, handling, and regulatory information.