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## DEIONIZED WATER

ArroChem's Deionized Water, also known as demineralized water or DI water, is water that has had its mineral ions and impurities removed through the process of deionization. Deionized water is highly pure and free from dissolved salts, minerals, and other contaminants. It is commonly used in various industrial and laboratory applications where high purity water is essential.

### General Characteristics:

Appearance:	Clear, colorless liquid
Ionic Nature:	Electrically neutral due to the absence of mineral ions
Specific Gravity:	Approximately 1.0 g/cm <sup>3</sup>

### APPLICATION:

Deionized water finds a wide range of applications in various industries, including but not limited to the following:

- **Pharmaceuticals and Biotechnology:** Used in the preparation of pharmaceuticals, medical devices, and solutions for injections.
- **Laboratory Use:** Employed in laboratories for dilution of chemicals, preparing media, and analytical testing.
- **Electronics and Semiconductor Manufacturing:** Used as a cleaning and rinsing agent to remove contaminants from sensitive electronic components.
- **Automotive and Metalworking:** Used as a rinse and coolant in metalworking processes, automotive batteries, and other applications.

