

Technical Data Sheet

1. General product information

Product name :	T-1203
Chemical name:	Dodecanamine polyoxyethylene ether
CAS number:	1541-67-9
Product Description:	T-1203 is a non-ionic surfactant. Its primary functions in the textile industry include acting as a dispersant, antistatic agent, and softening agent; it can also be used as a latex stabilizer and acid corrosion inhibitor. It is primarily used in the textile printing and dyeing, latex products, and metal pickling industries.

2. Specifications Table

Parameters	Physical and Chemical Properties	Test Method
Appearance(25°C)	Thick, yellow liquid	Visual assessment
TAV (mgKOH/g)	174-178	GB/T 7383-2007
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pH value	-	GB/T 12008.2-2010
Content (%)	-	GB/T 22313-2008
Iodine value (g I ₂ /100 g)	-	General Rules 0713, Chinese Pharmacopoeia

※ The above data is for reference only and should not be construed as technical indicators.

3. Properties and Applications

Textile Industry: Used as a dispersant, antistatic agent, and softening finish to impart a soft, smooth feel to fabrics and eliminate static electricity

Latex Industry: Used as a stabilizer in latex products to prevent emulsion breakdown and separation

Metal Treatment: Used as an acid corrosion inhibitor (corrosion inhibitor) in pickling processes to protect metal surfaces

4. Storage and Handling

Store in dry and cool location and protect the product from heat and direct sunlight. In enclosed original container product keeps stable for at least 2 years. keep the container tightly sealed. Prior taking portions all the lot must be homogenised. please refer to the Safety Data Sheet (MSDS) for this product for instructions on safe and proper handling and disposal.

The information provided in this document is based on the best of our knowledge and experience. It is intended as a general description of our product specifications and shall not constitute a guarantee or agreement regarding the quality of the specified products, respectively. The customer remains responsible for the inspection and testing of the specified products, as well as any supplementary information and documents provided alongside with the specified products, in particular the material safety data sheets, in order to determine their suitability for their particular application.