

EXOmer L64

PRODUCT TECHNICAL SPECIFICATION

NUMBER **STW: EX/1214/2**

DATE 2026-07-10

CHEMICAL NAME Ethylene oxide and propylene oxide block copolymer

INCI NAME Poloxamer 184

TECHNICAL REQUIREMENTS

Appearance at temperature (20÷25)°C.....liquid

Color (Hazen units) at (45 ÷ 50)°Cmax 100
(ASTM D1209-25, spectrophotometric method)

Hydroxyl value, mg KOH/g.....35 ÷ 43
(PN-EN 13926:2004)

pH of 5% solution.....5. ÷ 8
(PN-EN 1262:2004, solution B at temperature 20°C)

Water,% (m/m).....max 0.3
(PN-ISO 760:2001, direct method)

INFORMATIVE DATA*

Molecular weight, g/mol.....approx. 2900

Solubility in water.....good

Other solvents.....low aliphatic alcohols

Density at 25°C, g/mL.....approx. 1.04

Viscosity at 25°C, cP.....approx.. 300

Solidification point, °C approx. 13

* These informative data are not technical requirements and cannot form the basis for anyclaims.

USE

EXOmer L64 is a non-ionic block copolymer of ethylene oxide and propylene oxide. The product is mainly used as an emulsifying, cleaning and / or solubilizing agent in various cosmetic formulations, such as shampoos, conditioners, shower gels, liquid soaps, washing and care cosmetics for children, hair dyes, antiperspirants, wet wipes and many others. The product has non-irritant effect to the skin and eyes. As a result it is widely used as a mild detergent in face washing, care and

make-up removal preparations, such as micellar liquids, face gels, tonics, etc.

PACKAGING	Polyethylene drums and other packaging as agreed with the customer.
STORAGE	Store in a tightly closed container in a room protected against atmospheric conditions, at a temperature of up to 40°C.
SHELF LIFE	Guaranteed period of stability: 24 months from the date of manufacture.
TRANSPORTATION	This product is not regulated for carriage according to ADR/RID, IMDG, ICAO/IATA.
CLASSIFICATION AND LABELLING	This technical specification is applicable only if accompanied by the Safety Data Sheet in force. Pursuant to statutory requirements, only the Safety Data Sheet includes updated safety information.

The information contained herein is provided in good faith, based on our state of the art knowledge and experience. We reserve the right to amend this Technical Specification as a result of technological progress and product development by the manufacturer.

This product is intended for the purposes specified herein, for industrial and professional use. To use the product for purposes other than indicated herein, please contact PCC EXOL SA for consultation sending an e-mail to: industrial.application@pcc.eu

We cannot assume any liability for the use and application of our products, technical assistance and information provided (whether verbal, written or by way of product evaluations), including any suggested formulations and recommendations.

Therefore, it is imperative that you test our products, technical assistance and information provided to determine to your own satisfaction whether they are suitable for your needs, production, your intended uses and applications. Such analysis adopted to the conditions of the use and application should include at least application tests, technical feasibility of the suggested solutions, taking into account safety requirements, health and environmental issues.

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