

Pluronic® F127 Block Copolymer Surfactant



Pluronic F127 is a difunctional block copolymer surfactant terminating in primary hydroxyl groups. A nonionic surfactant that is 100% active and relatively nontoxic.

Shelf Life:

BASF will endorse the results on the certificate of analysis for a period of up to two years from the date of manufacture for material in original, unopened, properly stored containers. Beyond two years, we recommend the quality of the material be confirmed prior to use, by retesting the certificate of analysis parameters.

Standard packaging:

Cast solid – 55-gallon, non-returnable steel drum. (470 pounds net, 510 pounds gross)

Prill – 57-gallon, non-returnable fiber drum. (200 pounds net, 215 pounds gross)

Micropastille – 57-gallon, non-returnable fiber drum. (250 pounds net, 265 pounds gross)

Please refer to the Material Safety Data Sheet (MSDS) for this product for instructions on safe and proper handling and disposal.

Specifications

Cloud point (10% aqueous).....	>100°C
Color, APHA	120 max.
Water, weight %.....	Cast Solid–0.4 max. Prill/Micropastille–0.75 max.
pH (2.5% aqueous).....	6.0 – 7.4

Typical physical properties

Form.....	Cast solid /Prill / Micropastille
Average molecular weight.....	12600
Specific gravity, 77°/25°C.....	1.05
Viscosity, cps at 77°C	3100
Melt Point.....	56°C
Cloud point (1% aqueous).....	>100°C
Foam height (Ross Miles, 0.1% aqueous at 50°C).....	40 mm
Surface tension (0.1% aqueous).....	41 dynes/cm at 25°C
HLB.....	18 – 23
Solubility in water at 25°C.....	>10%
Wetting, Draves Sink Time (3-gm hook, 0.1% aqueous at 25°C).....	>360 seconds

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For More Information:

Order Placement

To place orders for delivery in the United States please call our toll free number (800) 443-6460. To place orders for delivery in Canada please call BASF Canada at (800) 267-2955.

For Other Information

Including product literature and Material Safety Data Sheets please call (734) 324-6101.

Or Visit Our Website At:

www.performance.basf-corp.com

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BASF Corporation
100 Campus Drive
Florham Park, New Jersey 07932
800-443-6460