

Technical Bulletin

Pluronic® 25R2



Description

Pluronic® 25R2 is a difunctional block copolymer surfactant with terminal secondary hydroxyl groups. A nonionic surfactant that is 100% active and relatively nontoxic.

Applications

Pluronic® 25R2 has excellent detergency excellent wetting power, and is a moderate foamer. It is highly compatible with other nonionic, cationic and anionic surfactants. It can be used in light duty liquids, heavy duty laundry powders and liquids as well as in industrial and household cleaners. Pluronic® 25R2 is readily biodegradable.

Specifications	
Cloud point (1% aqueous), °C	27 – 32
pH (1% aqueous)	5.5 – 6.7
Color (APHA)	0 – 120
Water (wt. %)	0.20 max
Typical properties	
Form	Liquid
Average Molecular Weight	3100
Specific gravity, 25°C/25°C	1.028
Viscosity, cps @ 25°C	680
Pour point, °C	-5
Foam height (Ross Miles, 0.1% aqueous @ 50°C), mm	1
Surface tension (0.1% aqueous @ 50°C), dynes/cm	38
HLB	4
Solubility in water @ 25°C, wt%	>1

Shelf Life

BASF will endorse the results on the certificate of analysis for a period of up to 2 years from the date of manufacture for material in original, unopened, properly stored containers. Beyond 2 years, we recommend the quality of the material be confirmed prior to use, by retesting the certificate of analysis parameters.

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

Pluronic® is a registered trademark of BASF in many countries

For More Information:

Order Placement

To place orders for delivery in the United States or Canada, please call our toll free number (800) 443-6460.

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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