

## PRODUCT DATA



**Polecrete®**  
**STABILIZER**

**POLECRETE STABILIZER** is a nominal 4.0 pcf density rigid urethane foam system.

### PROCESS APPLICATION

**POLECRETE STABILIZER** systems are used for setting and straightening utility structures.

### PROPOSED USES

- Transmission poles
- Luminaries
- Distribution poles
- Fencing applications

### MIX RATIO

	ISO	POLYOL
Ratio by Weight	100	91 ± 2
Specific Gravity @ 25°C (77°F)	1.23	1.11
Viscosity @ 25°C (77°F)	200 ± 20	2,500 ± 500

### PHYSICAL PROPERTIES

The data below serves as a guideline and should not be construed as a specification.

Free-Rise Density (ASTM D1622)	4.0 ± 0.2 pcf
Compressive Strength, parallel to rise (ASTM D1621)	80 ± 10 psi
Compressive Strength, perpendicular to rise (ASTM D1621)	45 ± 10 psi
Yield Flexural Strength (ASTM C203)	80 ± 10 psi
Tensile Strength (ASTM D1623)	90 ± 10 psi
Water Absorption, % volume (ASTM D2842)	< 2%

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### SAFETY FIRST!

When working with any chemicals it is necessary to wear eye protection and gloves. It is necessary to understand hazards involved in handling all components, establish and follow safe work procedures, and comply with all OSHA, DOT, and EPA Regulations. Refer to SDS for specific details. All persons who work with components must know and follow proper safe handling procedures.

### SHELF LIFE:

Twelve (12) months from date of manufacture when stored in original, unopened, containers at temperatures between 65–80°F. Consult with BMK before disposal or return if components exceed shelf life.

### HANDLING:

As with all chemicals, care should be exercised when handling. Avoid contact with eyes, skin, and clothing. Eye protection and gloves are considered a minimum requirement and should be worn at all times while working with components. Refer to SDS for specific details regarding handling requirements.

### STORAGE:

Do not store in direct sunlight. Containers should be stored under cover and protected from contact with rain or snow. Water should not be able to accumulate where it can be drawn into the containers. Ideal storage temperatures are 50°F (10°C) to 75°F (24°C). Keep containers sealed until use. Refer to SDS for further information or contact BMK for assistance.

### STEWARDSHIP:

BMK is committed to stewardship and have a concern for the health and safety of all individuals who come in contact with its products, as well as the environment. This philosophy is a foundation on which we assess information to appropriately protect individuals and preserve our environment. Success of stewardship rests with each and every individual involved in the cradle to grave life cycle of our products.

### CUSTOMER RECOMMENDATIONS:

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