

# Thermoset Plastics 270

Epoxy; Epoxide

Thermoset, Lord Chemical Products

## Message:

Thermoset Plastics 270 is an Epoxy; Epoxide (Epoxy) material. It is available in North America for coating.  
Typical application of Thermoset Plastics 270: Coating Applications

| General Information          |                          |       |             |
|------------------------------|--------------------------|-------|-------------|
| Features                     | Thixotropic              |       |             |
| Uses                         | Coating Applications     |       |             |
| Appearance                   | White                    |       |             |
| Forms                        | Pellets                  |       |             |
| Processing Method            | Coating                  |       |             |
| Physical                     | Nominal Value            | Unit  | Test Method |
| Apparent Density             | 1.16                     | g/cm³ | ASTM D1895  |
| Hardness                     | Nominal Value            | Unit  | Test Method |
| Durometer Hardness (Shore D) | 89                       |       | ASTM D2240  |
| Mechanical                   | Nominal Value            | Unit  | Test Method |
| Tensile Strength (Yield)     | 65.5                     | MPa   | ASTM D638   |
| Flexural Strength (Yield)    | 109                      | MPa   | ASTM D790   |
| Compressive Strength         | 93.1                     | MPa   | ASTM D695   |
| Thermoset                    | Nominal Value            | Unit  |             |
| Thermoset Components         |                          |       |             |
|                              | Mix Ratio by Volume: 1.0 |       |             |
|                              |                          |       |             |
| Hardener                     | Mix Ratio by Weight: 25  |       |             |
|                              | Mix Ratio by Weight: 100 |       |             |
|                              |                          |       |             |
| Resin                        | Mix Ratio by Volume: 3.5 |       |             |
| Demold Time (25°C)           | 720 to 960               | min   |             |

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

