

# Tunhe PBS TH804

Polybutylene Succinate

Xinjiang Blueridge Tunhe Chemical Industry Co.,Ltd

## Message:

Tunhe PBS TH804 is a Polybutylene Succinate (PBS) product. It is available in the Asia-Pacific region. Typical application areas are: medical/health care.

| General Information         |                          |          |             |
|-----------------------------|--------------------------|----------|-------------|
| Uses                        | Medical/nursing supplies |          |             |
| Appearance                  | White                    |          |             |
| Physical                    | Nominal Value            | Unit     | Test Method |
| Density                     | 1.20 - 1.28              | g/cm³    | ISO 1183    |
| Melt Mass-Flow Rate (MFR)   | < 25                     | g/10 min | ISO 1133    |
| Mechanical                  | Nominal Value            | Unit     | Test Method |
| Tensile Stress              | > 20.0                   | MPa      | ISO 527-2   |
| Tensile Strain (Break)      | > 200                    | %        | ISO 527-2   |
| Impact                      | Nominal Value            | Unit     | Test Method |
| Notched Izod Impact         | < 4.0                    | kJ/m²    | ISO 180     |
| Thermal                     | Nominal Value            | Unit     | Test Method |
| Vicat Softening Temperature | > 90.0                   | °C       | ISO 306     |
| Melting Temperature         | 110 - 120                | °C       | DSC         |

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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



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