

**WANTHANE® WHT-8264**

TPU

Wanhua Chemical Group Co., Ltd.

| <b>Mechanical properties</b> | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|------------------------------|--------------|-------------|----------------------|
| <b>ASTM Data</b>             |              |             |                      |
| Modulus at 100% Elongation   | <b>12</b>    | MPa         | ASTM D 412           |
| Modulus at 300% Elongation   | <b>20</b>    | MPa         | ASTM D 412           |
| Shore D Hardness             | <b>64</b>    | -           | ASTM D 2240          |
| Tear Strength                | <b>120</b>   | kN/m        | ASTM D 624           |
| Tensile Strength             | <b>30</b>    | MPa         | ASTM D 412           |
| Elongation at Break          | <b>300</b>   | %           | ASTM D 412           |

| <b>Thermal properties</b>    | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|------------------------------|--------------|-------------|----------------------|
| <b>ASTM Data</b>             |              |             |                      |
| Glass Transition Temperature | <b>-25</b>   | °C          | ASTM E 1356          |

| <b>Other properties</b> | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|-------------------------|--------------|-------------------|----------------------|
| Density                 | <b>1140</b>  | kg/m <sup>3</sup> | ASTM D 792           |

**Characteristics****Processing**

Injection Molding, Other Extrusion

**Special Characteristics**

U.V. stabilized or stable to weather, Transparent

**Features**

Fungus Resistance

**Chemical Resistance**

Hydrolytically Stable

**Certifications**

Food contact, Food approval FDA 21 CFR, US Pharmacopeia Class VI Approved

**Regional Availability**

North America, Europe, Asia Pacific, South and Central America, Near East/Africa