

## Taiwan PU Corporation TPL-THANE 5085-A/B High Pressure Urethane Spraying Elastomer

Category : Polymer , Thermoset , Polyurethane, TS , Rubber or Thermoset Elastomer (TSE)

### Material Notes:

5085-A is a high reactivity polyethamine content extender. 5085-B is a methylene diphenylketone diisocyanate(MDI). They make up the third generation high pressure urethane spraying elastomer. It has excellent physical properties, chemical resistance, and abrasion resistance. Applications: Protective coating Abrasion resistant coating Pipe coating Flooring Roof and deck coating Construction coating Industrial coating Low cost molds Spray-mold type Highway and bridge overlays Watertight coating Roller, other casting elastomer replacement Foam surface protection Information provided by Taiwan PU Corporation.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Taiwan-PU-Corporation-TPL-THANE-5085-AB-High-Pressure-Urethane-Spraying-Elastomer.php](http://www.lookpolymers.com/polymer_Taiwan-PU-Corporation-TPL-THANE-5085-AB-High-Pressure-Urethane-Spraying-Elastomer.php)

| Physical Properties | Metric         | English                   | Comments    |
|---------------------|----------------|---------------------------|-------------|
| Density             | 1.01 g/cc      | 0.0365 lb/in <sup>3</sup> | A component |
|                     | 1.10 g/cc      | 0.0397 lb/in <sup>3</sup> | B component |
| Viscosity           | 500 - 700 cP   | 500 - 700 cP              | A component |
|                     | 1000 - 1200 cP | 1000 - 1200 cP            | B component |

| Mechanical Properties     | Metric       | English     | Comments |
|---------------------------|--------------|-------------|----------|
| Hardness, Shore A         | 85 - 90      | 85 - 90     |          |
| Tensile Strength at Break | >= 7.85 MPa  | >= 1140 psi |          |
| Elongation at Break       | >= 300 %     | >= 300 %    |          |
| Tear Strength             | >= 29.4 kN/m | >= 168 pli  |          |

| Processing Properties  | Metric          | English       | Comments                         |
|------------------------|-----------------|---------------|----------------------------------|
| Processing Temperature | 60.0 - 65.0 Â°C | 140 - 149 Â°F | Temperature setting, B component |
|                        | 65.0 - 70.0 Â°C | 149 - 158 Â°F | Temperature setting, A component |

| Descriptive Properties | Value | Comments |
|------------------------|-------|----------|
| Mixing Ratio           | 1:1   |          |

## Contact Songhan Plastic Technology Co.,Ltd.

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