

## Austin Novel Materials Texalan® 770A PCL TPU

Category : Polymer , Thermoplastic , Elastomer, TPE , Polyurethane, TP

### Material Notes:

Description: Good abrasion resistance, tensile strength, oil resistance and heat resistance which can be used in mechanic parts and various industry parts. Information from Dawnentech

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Austin-Novel-Materials-Texalan-770A-PCL-TPU.php](http://www.lookpolymers.com/polymer_Austin-Novel-Materials-Texalan-770A-PCL-TPU.php)

| Physical Properties | Metric           | English                | Comments |
|---------------------|------------------|------------------------|----------|
| Density             | 1.02 - 1.06 g/cc | 0.0368 - 0.0383 lb/in³ | ISO 1183 |

| Mechanical Properties  | Metric                          | English                        | Comments                   |
|------------------------|---------------------------------|--------------------------------|----------------------------|
| Hardness, Shore A      | 67 - 73                         | 67 - 73                        | ISO 7619                   |
| Tensile Strength       | >= 22.0 MPa                     | >= 3190 psi                    | ISO 37                     |
| Tensile Stress         | >= 2.50 MPa<br>@Strain 100 %    | >= 363 psi<br>@Strain 100 %    | ISO 37                     |
|                        | >= 3.50 MPa<br>@Strain 300 %    | >= 508 psi<br>@Strain 300 %    | ISO 37                     |
| Elongation at Yield    | >= 700 %                        | >= 700 %                       | ISO 37                     |
| Tear Strength          | >= 58.0 kN/m                    | >= 331 pli                     | ISO 34                     |
| K Factor (Wear Factor) | <= 70                           | <= 70                          | [mm<sup>3</sup>]; ISO 4649 |
| Compression Set        | <= 22 %<br>@Temperature 70.0 °C | <= 22 %<br>@Temperature 158 °F | ISO 815                    |

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China