

**Nylabond® 6091-85A natural**

TPE

RTP Company

| <b>Mechanical properties</b>     | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|----------------------------------|--------------|-------------|----------------------|
| <b>ASTM Data</b>                 |              |             |                      |
| Modulus at 100% Elongation       | <b>4.1</b>   | MPa         | ASTM D 412           |
| Shore A Hardness                 | <b>84</b>    | -           | ASTM D 2240          |
| Tear Strength                    | <b>28.2</b>  | kN/m        | ASTM D 624           |
| Compression Set , 22 hr @ 158 °F | <b>57</b>    | %           | ASTM D 395           |
| Tensile Strength                 | <b>7</b>     | MPa         | ASTM D 412           |
| Elongation at Break              | <b>420</b>   | %           | ASTM D 412           |

| <b>Other properties</b> | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|-------------------------|--------------|-------------------|----------------------|
| Density                 | <b>930</b>   | kg/m <sup>3</sup> | ASTM D 792           |

| <b>Processing Recommendation Injection Molding</b> | <b>Value</b>     | <b>Unit</b> | <b>Test Standard</b> |
|--|------------------|-------------|----------------------|
| Pre-drying - Temperature                           | <b>82</b>        | °C          | -                    |
| Pre-drying - Time                                  | <b>4</b>         | h           | -                    |
| Processing humidity                                | <b>≤0.08</b>     | %           | -                    |
| Melt temperature                                   | <b>263 - 282</b> | °C          | -                    |
| Mold temperature                                   | <b>32 - 71</b>   | °C          | -                    |

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America, Europe, Asia Pacific

**Delivery form**

Natural Color