

## BASF Procom® X5S 770 Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

### Material Notes:

Car bumpers and spoilers where good paintability is required.Data was collected by ISO methods and provided by BASF.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BASF-Procom-X5S-770-Polypropylene.php](http://www.lookpolymers.com/polymer_BASF-Procom-X5S-770-Polypropylene.php)

| Physical Properties         | Metric      | English                   | Comments |
|-----------------------------|-------------|---------------------------|----------|
| Density                     | 0.930 g/cc  | 0.0336 lb/in <sup>3</sup> |          |
| Linear Mold Shrinkage, Flow | 0.010 cm/cm | 0.010 in/in               |          |

| Mechanical Properties   | Metric                 | English                   | Comments |
|-------------------------|------------------------|---------------------------|----------|
| Tensile Strength, Yield | 15.0 MPa               | 2180 psi                  |          |
| Elongation at Break     | >= 50 %                | >= 50 %                   |          |
| Tensile Modulus         | 0.850 GPa              | 123 ksi                   |          |
| Charpy Impact Unnotched | NB                     | NB                        |          |
|                         | 23.0 J/cm <sup>2</sup> | 109 ft-lb/in <sup>2</sup> |          |
|                         | @Temperature -30.0 °C  | @Temperature -22.0 °F     |          |

| Thermal Properties                          | Metric               | English              | Comments |
|---------------------------------------------|----------------------|----------------------|----------|
| CTE, linear, Parallel to Flow               | 100 µm/m-°C          | 55.6 µin/in-°F       |          |
|                                             | @Temperature 20.0 °C | @Temperature 68.0 °F |          |
| Deflection Temperature at 0.46 MPa (66 psi) | 93.0 °C              | 199 °F               |          |
| Deflection Temperature at 1.8 MPa (264 psi) | 51.0 °C              | 124 °F               |          |
| Vicat Softening Point                       | 43.0 °C              | 109 °F               |          |

## 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