

## Hannam Chemical Hanalac 780 ABS, High Flow

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Molded

### Material Notes:

FDA Approved. High flow grade suitable for intricate or thin structures and low processing cycle time. Applications include TVs, radios, calculators, appliances, toys.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Hannam-Chemical-Hanalac-780-ABS-High-Flow.php](http://www.lookpolymers.com/polymer_Hannam-Chemical-Hanalac-780-ABS-High-Flow.php)

| Physical Properties | Metric       | English      | Comments    |
|---------------------|--------------|--------------|-------------|
| Melt Flow           | 5.5 g/10 min | 5.5 g/10 min | ASTM D1238G |

| Mechanical Properties      | Metric                          | English                              | Comments  |
|----------------------------|---------------------------------|--------------------------------------|-----------|
| Hardness, Rockwell R       | 108                             | 108                                  | ASTM D785 |
| Tensile Strength, Ultimate | 48.0 MPa                        | 6960 psi                             | ASTM D638 |
| Elongation at Break        | 30 %                            | 30 %                                 | ASTM D638 |
| Flexural Yield Strength    | 66.0 MPa                        | 9570 psi                             | ASTM D790 |
| Flexural Modulus           | 2.34 GPa                        | 339 ksi                              | ASTM D790 |
| Izod Impact, Notched       | 2.50 J/cm<br>@Thickness 3.17 mm | 4.68 ft-lb/in<br>@Thickness 0.125 in | ASTM D256 |

| Thermal Properties                          | Metric   | English | Comments             |
|---------------------------------------------|----------|---------|----------------------|
| Maximum Service Temperature, Air            | 85.0 Â°C | 185 Â°F | Heat Distortion Temp |
| Deflection Temperature at 1.8 MPa (264 psi) | 85.0 Â°C | 185 Â°F | ASTM D648            |
| Vicat Softening Point                       | 95.0 Â°C | 203 Â°F | ASTM D1525           |
| Flammability, UL94                          | HB       | HB      |                      |

## 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