

# HP1S



**Description:** Homopolymer Strapping  
**Features:** Excellent processability, good end use performance  
**Applications:** Strapping, extrusion, compounding  
**Regulatory:** FDA-21 CFR 177.1520 (c) 1.1a.

| Typical Properties                  | Values                | ASTM Test Method |
|-------------------------------------|-----------------------|------------------|
| Melt Flow                           | 1.2 g/10 min          | D1238            |
| Density                             | 0.9 g/cm <sup>3</sup> | D1505            |
| Tensile                             |                       | D638             |
| Yield Strength                      | 5000 psi              |                  |
| Yield Elongation                    | 10.0%                 |                  |
| Flexural Modulus                    |                       | D790             |
| 1% Secant                           | 200000 psi            |                  |
| Tangent                             | NA                    |                  |
| Rockwell Hardness                   | 105 R                 | D785             |
| Notched Izod Impact Strength @ 73°F | .9 ft-lb/in           | D256             |

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