

# HP35NS



**Description:** Homopolymer  
**Features:** Nucleated and antistat, fast cycle times, high flow rate, low static charge, improved toughness  
**Applications:** Injection Molding: Consumer products, housewares, thin-walled rigid packaging, medical components  
**Regulatory:** FDA-21 CFR 177.1520 (c)

| Typical Properties              | Values      | ASTM Test Method |
|---------------------------------|-------------|------------------|
| Melt Flow                       | 35 g/10 min | D1238            |
| Tensile                         |             | D638             |
| Yield Strength                  | 5600 psi    |                  |
| Yield Elongation                | 8.0%        |                  |
| Elongation at Break             | 30.0%       |                  |
| Flexural Modulus Tangent        | 240000 psi  | D790A            |
| Deflection Temperature @ 66 psi | 250°F       | D648             |

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