



D036W6

Homopolymer Polypropylene

- Injection Molding, General Purpose, Low Water Carryover
- Suggested Uses Include Tape, Slit-film Fibers, Containers, Closures, Housewares

| Property | Units | Typical Value | Test Method |
|---|------------------|------------------|-------------|
| Nominal Melt Flow Rate (230°C/2.16kg) | g/10 min | 3.6 | ASTM D1238 |
| Tensile Strength at Yield (2 in/min, 50 mm/min) | psi MPa | 5,400 37 | ASTM D638 |
| Elongation at Yield (2 in/min, 50 mm/min) | % | 10 | ASTM D638 |
| Flexural Modulus (0.05 in/min, 1.3 mm/min, 1% secant) | psi MPa | 240,000 1,655 | ASTM D790A |
| Notched Izod Impact Strength at 23°C | ft-lbs/in J/m | 0.7 37 | ASTM D256A |
| Rockwell Hardness | R | 103 | ASTM D785 |
| Tenacity of Fibers (3.3 draw ratio, 1,250 m/min roll speed, 225°C spin temperature, D1000/68) | g/denier | 4.5 | ASTM D2256 |
| Elongation of Fibers (3.3 draw ratio, 1,250 m/min roll speed, 225°C spin temperature, D1000/68) | % | 36 | ASTM D2256 |

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For cautions and other information relating to handling of and exposure to this product, please see material safety data sheet code number C4001 published by Sunoco Chemicals.

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Revision Date: 8/24/2005

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