



# D040W6

## 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	3.9	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	230,000 1,586	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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