

HG010

POLYPROPYLENE, HOMOPOLYMER FOR GENERAL PURPOSES

Compared to a pellet-form polypropylene, Valtec could present advantages in terms of improved productivity, better processing and lower energy consumption. Valtec HG010 is a homopolymer for general purposes.

The base resin in this product meets the requirements of the FDA contained in the Code of Federal Regulations in 21 CFR 177.1520.

Features:

- Improved mechanical and physical properties
- Improved gloss and finish

Typical Applications:

- General purpose injection
- Toys
- Caps
- Small housewares
- Safety equipment injection

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Typical resin properties ^(a)	Typical Value	ASTM Method ^(b)
- Melt Flow Rate, dg/min	6.0	D1238
- Tensile strength at yield, psi (N/mm ²)	4,930 (34)	D638
- Elongation at yield, %	10	D638
- Notched Izod Impact strength at 73°F, ft-lb/in (J/m)	0.55 (29.4)	D256A
- Flexural Modulus, psi (N/mm ²)	203,000 (1,400)	D790
- Density, g/cm ³	0.9	D792
- Heat deflection temperature at 66 psi (0.46 N/mm ²), °F (°C)	212 (100)	D648

(a) Values shown are averages not to be construed as product specifications. These values may shift as additional data are accumulated.

(b) ASTM methods are the latest under the Society's current procedures. All specimens are prepared by injection molding.

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