



Polyintec® H35-MI

Polypropylene Homopolymer 35 (PPH)

Product Description:

Polyintec® H35-MI is a prime homopolymer polypropylene designed for injection molding of lightweight and thin-walled articles. It is ideal for applications requiring good flow properties, such as housewares, consumer products, and rigid packaging. This material is formulated to meet the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520, and features excellent organoleptic properties.

Suggested Applications:

Housewares, Consumer Products, Rigid Packaging.

Nominal Physical Properties:

Property	Nominal Value (English)	Nominal Value (SI)	Method
Melt Flow	35 g/10 min	35 g/10 min	D1238
Density	0.9 g/cc	0.9 g/cc	D1505
Tensile @ Yield	5,100 psi	35 MPa	D638
Elongation	10%	10%	D638
Flexural Modulus	210,000 psi	1450 MPa	D790A
Heat Deflection	210 °F		D648 at 455Mpa(66psi)

Important Note:

The properties listed above are typical values obtained under laboratory conditions and are not intended to be used as specifications. Test conditions: Tensile and Elongation at 51mm/min. Flexural Modulus 1% secant. The provided data is just copied from the provided file. Users must verify all specifications.