# AMERICOLENE® H35-IM

## AMERICOLENE

### *Polypropylene Homopolymer 35 (PPH)*

## Technical Data Sheet

AMERICOLENE® H35-IM is a prime homopolymer polypropylene designed for injection molding of lightweight and thin-walled articles such as housewares, consumer products and rigid packaging. This material meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520. - Excellent organoleptic properties.

| NOMINAL RESIN PROPERTIES | NOMINAL VALUE (ENGLISH) | NOMINAL VALUE (SI) | METHOD |
|---|---|---|---|
| **RESIN PROPERTIES** | | | |
| **Melt Flow** | 35 | g/10 min | **D1238** |
| **Density** | 0.9 | g/cc | **D1505** |
| **MECHANICAL PROPERTIES** | | | |
| **Tensile @ Yield 51mm/min** | 5,100 (35) | psi (Mpa) | **D638** |
| **Elongation** | 10 | % | **D638** |
| **Flexural Modulus 1% secant** | 210,000 (1450) | psi (Mpa) | **D790A** |
| **THERMAL PROPERTIES** | | | |
| **Heat Deflection** | **210 F** | **455 Mpa (66psi)** | **D648** |

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