

HP-030 Polypropylene Homopolymer

HP-030 is a Polypropylene certified prime grade designed for Extrusion of Water-Quench Cast Film for Slit Tape applications. **HP-010** combines excellent processability, very good thermal stability, and high degree of purity with Low Water Carry-over and good balance of tape strength and orientation properties. Recommended processing temperatures of **HP-010** are: 1) tape - 210° to 220°C in barrel and 230-250°C in head, and 2) multi-filament - 210° to 230°C. **HP-010** complies with FDA regulation 21CFR 177.1520 and with most international regulations concerning the use of Polypropylene in contact with food articles.

PROPERTIES	ASTM	UNIT	NOMINAL VALUES
RESIN			
Density	D1505	g/cm	0.904
Melt Flow Rate (190 °C, 2.16kg)	D1238	g/10 min	3.0
MECHANICAL			
Flexural Modulus - 1% Secant (Inj) ²	D790	psi	205k
Melt Temperature		°F	410 - 446

Typical Value of Properties not to be construed as specifications

2 - 0.051 in/min



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