



P. O. Drawer E
 Garyville, LA 70051
 Tel: (985) 535-2000
 Fax: (985) 535-1234

13120H (Developmental)

120 MELT FLOW PP HOMOPOLYMER FOR SPECIALTY APPLICATIONS

Product Description and Applications:

Pinnacle Polymers Polypropylene 13120H is made via UNIPOL™ PP technology, which utilizes gas-phase fluidized bed reactors with a high activity catalyst system to ensure uniform physical properties and lot-to-lot consistency.

This product is intended for specialty compounding and extrusion applications. Contains an anti-stat.

Features:

The 13120H product provides:

- Excellent color and processing stability
- Resistance to static build-up
- Very low viscosity for good wetting potential

Pinnacle's 13120H polypropylene has not yet been evaluated for compliance with the appropriate requirements of CFR Title 21, Part 177, Subpart B, Section 177.1520 (c) 1.1a entitled "Olefin Polymers" of the Food Additives Amendment of 1958 to the United States Food, Drug and Cosmetic Act of 1938.

Developmental Properties

Property	Traditional Units	SI Units	ASTM Test
Melt Flow Rate	120 g/10 min.	120 g/10 min.	D1238 ¹
Density at 23°C	0.9 g/cm ³	900 kg/m ³	D1505
Tensile yield strength, at 51 mm/min	5700 psi	39 MPa	D638 ²
Yield elongation, at 51 mm/min	8%	8%	D638 ²
Flexural modulus (1% secant) at 1.27 mm/min	290,000 psi	2000 MPa	D790A ²
Notched Izod impact strength, at 73°F/23°C	0.4 ft-lb/in	20 J/m	D256 ²

¹Condition L 230/2.16

²ASTM Type I specimen, 3.2 mm thick (injection molded per ASTM D4101-92a)

UNIPOL is a trademark of W. R. Grace and Company