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1204A

4 MELT FLOW HOMOPOLYMER FOR MOLDING

Product Description and Applications:

Pinnacle Polymers Polypropylene 1204A 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 general molding applications including appliance parts. It contains anti-stat and a high heat stability additive package.

Features:

The 1204A product provides:

- Excellent color and processing stability
- High heat stability
- Low static
- Excellent cleanliness
- High stiffness

Typical Properties

Property	Traditional Units	SI Units	ASTM Test
Melt Flow Rate	4 g/10 min.	4 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	5200 psi	35.9 MPa	D638 ²
Yield elongation, at 51 mm/min	10%	10%	D638 ²
Flexural modulus (1% secant) at 1.27 mm/min	240,000 psi	1655 MPa	D790A ²
Notched Izod impact strength, at 73°F/23°C	0.7 ft-lb/in	37 J/m	D256 ²

¹Condition L 230/2.16

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

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