4104H

4 MELT FLOW IMPACT COPOLYMER POLYPROPYLENE

Product Description and Applications:

Pinnacle Polymers Polypropylene 4104H 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 large buckets and other injection molding applications where toughness and cold temperature impact strength are required.

Features:

The 4104H product provides:

- Excellent cleanliness
- Superior toughness
- Excellent color and proces stability
- Good melt strength
- Fast Set-up time

Typical Properties

Property	Traditional Units	SI Units	ASTM Test
Melt Flow Rate	4.0 g/10 min.	4.0 g/10 min.	D1238
Density at 23°C	0.9 g/cm^3	900 kg/m^3	D1505
Tensile yield strength, at 51 mm/min	3100 psi	21.4 MPa	D638[2]
Yield elongation	7.3%	7.3%	D638
Flexural modulus (1% secant) at 1.27 mm/min	160,000 psi	1104 MPa	D790A
Notched Izod impact strength, at 73°F/23°C	≥10 ft-lb/in	≥534 J/m 52 kJ/m^2	D256
Gardner Impact strength at -22°F/-30°C	320 in-lb	35.2 J	D5420

FDA and SDS documents are available on our website at: https://pinnaclepolymers.com/documents-datasheets/regulatory-documents

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