



MADE IN CANADA

We believe in better.

Heartland Polymers' portfolio of quality polypropylene is produced at North America's first single-site PDH/PP facility, located in Alberta, Canada with access to all major hubs and ports. Sustainability is built into our very design, and we are committed to providing customers with responsibly produced polymer. We are ready to provide a high quality, reliable source of polypropylene to help you and your customers meet your goals where you need it, when you need it. At Heartland Polymers, we believe in better: People. Polymer. Performance. Planet. Made in Canada, serving the world, we produce polypropylene that makes a difference for you and for your customers.

CONNECT WITH HEARTLAND POLYMERS

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HeartlandPolymers.com

 Heartland Polymers

Quality resins produced sustainably, delivered reliably

All of our polypropylene features the following attributes:

- Excellent balance of processability and physical properties
- A tailored balance of stiffness to impact properties
- Exceptional heat and chemicals resistance
- Excellent price to performance ratio
- Lower density translating into weight savings
- Recyclable
- Phthalate free
- Free of any Animal Derived Materials (ADM)
- Meets the FDA requirements for direct and indirect food contact

Discover the Heartland difference

We offer five different grades of homopolymer polypropylene for spunbound and filament fibres. With our fibre polypropylene grades, you can expect:

- High melt strength
- Advanced anti-gas fading properties
- Superior barrier properties
- Excellent tensile and flexural properties
- Enhanced draw down
- High speed processability
- Low water carryover



FABRICATION FAMILY			FIBRE HOMOPOLYMERS				
GRADE NAME			H5103	H5104 H5104A	H5012G	H5025G	H5235G
PRIMARY APPLICATION			Raffia	Raffia	Staple	Multi-Filament	Spunbond
PROPERTIES	UNITS	TEST METHOD	NOMINAL VALUES				
Melt Flow Rate (2.16 kg at 230°C)	g/10 min	ASTM D1238	3.5	4.0	12.0	25.0	35.0
Tensile Strength @ Yield 50 mm/min (2 in/min)	MPa (psi)	ASTM D638	36 (5,250)	36 (5,200)	37 (5,350)	37 (5,350)	33 (4,850)
Tensile Elongation @ Yield	%	ASTM D638	9	9	8	8	10
Flexural Modulus 1% Secant 1.3 mm /min (0.05 in/min)	MPa (psi)	ASTM D790	1,600 (233,000)	1,600 (230,000)	1,600 (232,000)	1,600 (232,000)	1,250 (182,000)
Notched Izod Impact Strength @ 23°C	J/m (ft-lb/in.)	ASTM D256A	29 (0.5)	28 (0.5)	30 (0.6)	25 (0.5)	21 (0.4)
Heat Deflection Temperature (HDT) @ 0.45 MPa/ (66 psi)	°C (°F)	ASTM D648	102 (214)	103 (217)	104 (219)	104 (219)	96 (204)
MAIN FEATURE			Multi-purpose	Multi-purpose	Anti-gas fading	Anti-gas fading	Narrow MWD/ Anti-gas fading
APPLICATION DETAILS			25 kg bags, jumbo bags, carpet backing, rope, twine, straws and tubing, general purpose additives	25 kg bags, carpet backing, straws, tubing, general purpose additives	Yarns and non-wovens for furniture, automotive, carpet backing, wall coverings, suitable for short spin process	Carpet face yarn	Spunbond grade for diapers and hygiene applications

Suffix Legend: A = Anti-static; B = Anti-block; E = Nucleation/mold release; G = Anti-gas fading; H = Heat stabilized; N = Nucleated/clarified; S = Slip/mold release; U = UV stabilizer; Z = Others