



MADE IN CANADA

We believe in better.

Heartland Polymers' portfolio of quality polypropylene is produced at North America's first integrated PDH/PP facility, located in Alberta, Canada. With sustainability built into every aspect of our operations, our approach to production will produce lower greenhouse gas emissions compared to our industry peers. We are ready to deliver high quality and sustainably produced polypropylene to help advance the polymer industry as customers and consumers seek new and better products to help shape their future.

CONNECT WITH HEARTLAND POLYMERS

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 @HeartlandPP

 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 14 different grades of polypropylene for packaging, caps and closures and housewares. With our molding polypropylene grades, you can expect:

- Low gels
- High clarity
- Low shrinkage
- High heat deflection
- Faster processing
- Excellent mold release properties



MOLDING

FABRICATION FAMILY			MOLDING HOMOPOLYMERS					MOLDING RANDOM CO-POLYMERS						
GRADE NAME			H7012 H7012N	H7020S	H7035 H7035N H7035E	H7050E	H7060E	R7012NA	R7020NA	R7030NA	R7035NA	R7045NA	R7050NA	R7070NA
PRIMARY APPLICATION			Consumer/Housewares	Caps and closures	Packaging	Packaging	Packaging	Consumer/Housewares	Consumer/Housewares	Packaging	Packaging	Packaging	Caps and closures	Packaging
PROPERTIES	UNITS	TEST METHOD	NOMINAL VALUES											
Melt Flow Rate (2.16 kg at 230°C)	g/10 min	ASTM D1238	12.0	20.0	35.0	50.0	60.0	12.0	20.0	30.0	35.0	45.0	50.0	70.0
Tensile Strength @ Yield 50 mm/min (2 in/min)	MPa (psi)	ASTM D638	36 (5,300) 37 (5,500)	37 (5,250)	35 (5,100) 38 (5,500) 39 (5,650)	35 (5,100)	40 (5,800)	27 (3,900)	27 (3,900)	27 (3,900)	28 (4,050)	28 (4,050)	28 (4,050)	28 (4,050)
Tensile Elongation @ Yield	%	ASTM D638	8	7	9 8	6	8	9	9	9	8	9	9	5
Flexural Modulus 1% Secant 1.3 mm/min (0.05 in/min)	MPa (psi)	ASTM D790	1,650 (245,000) 1,800 (260,000)	1700 (247,000)	1,550 (225,000) 1,650 (240,000) 1,800 (261,000)	1,800 (261,000)	1,850 (268,000)	1,100 (160,000)	1,100 (160,000)	1,100 (160,000)	1,100 (160,000)	1,060 (155,000)	1,070 (155,000)	1,020 (150,000)
Notched Izod Impact Strength @ 23°C	J/m (ft-lb/in.)	ASTM D256A	24 (0.4) 29 (0.5)	25 (0.5)	19 (0.3) 20 (0.4) 107 (226)	20 (0.4)	18 (0.3)	53 (1.0)	47 (0.9)	44 (0.8)	38 (0.7)	50 (0.9)	55 (1.0)	40 (0.7)
Heat Deflection Temperature (HDT) @ 0.45 MPa/ (66 psi)	°C (°F)	ASTM D648	106 (223) 119 (248)	104 (219)	117 (243) 121 (251)	110 (230)	122 (252)	83 (181)	83 (181)	83 (181)	78 (172)	83 (181)	-	-
MAIN FEATURE			Barefoot for master-batch/ Others multi-purpose	Multi-purpose	Low taste and odor	Low taste and odor/fast cycle time/high stiffness	Low taste and odor/low warpage	Fast cycle time/low shrinkage/good clarity	Fast cycle time/low shrinkage/good clarity	Low taste and odor/high clarity	Low taste and odor/improved cycle time/high clarity/low blooming	Low taste and odor/improved cycle time/high clarity	Low taste and odor/fast cycle time/superior clarity	Low taste and odor/fast cycle time/superior clarity and low blooming
APPLICATION DETAILS			Packaging, consumer housewares	Large caps & closures for wide mouth containers, general purpose injection molding of thick parts	Food packaging, multimedia cases, cosmetic cases, personal products, large lids	Food packaging, multimedia cases, cosmetic cases, personal products, large lids	Food packaging, multimedia cases, cosmetic cases, personal products, large lids	Clear food storage containers, clear organizers for fishing tackle, hardware and hobby supplies, clear bins and drawers	Clear food storage containers, clear organizers for fishing tackle, hardware and hobby supplies, clear bins and drawers	Clear food storage containers, clear organizers for fishing tackle, hardware and hobby supplies, clear bins and drawer	Clear food packaging, multimedia cases, cosmetic personal products	Clear food packaging, multimedia cases, cosmetic personal products	Clear food packaging, multimedia cases, cosmetic personal products	Clear food packaging, multimedia cases, cosmetic personal products

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