



HIVAL® Polymers

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of thermoplastic resin

SOLUTIONS



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We Carry a Full Portfolio of HIVAL® Polymer Products for all Your Applications

Multiple grades of polypropylene, polyethylene, polystyrene and ABS

Property-driven materials including clarified, low-water carryover, nucleated and anti-stat

Readily available for blow molding, extrusion, injection molding and rotational molding

POLYETHYLENE

GRADE		MFR	DENSITY	ADDITIVES (*)	FDA	APPLICATIONS
		g/10 min				
HDPE	PE HD 507051	6.5	0.953		Y	Injection, Pail
HDPE	PE HD 506060	8	0.965		Y	Injection, Crate
HDPE	PE HD 511051	12	0.951		Y	Injection
HDPE	PE HD 521054	20	0.954		Y	Injection
HDPE	PE HD 534050	33	0.952		Y	Injection
HDPE	PE HDBM 5000950	10 HLMI	0.95		Y	HLMI, Sheet and Large Part, Phillips Process
HDPE	PE HDBM 5000950U	10 HLMI	0.95		Y	HLMI, Sheet and Large Part, Unipol Process
HDPE	PE HDBM 5000951 HMW	10 HLMI	0.951		Y	HMW Film Grade
HDPE	PE HDBM 500354	0.35	0.954		Y	Blow Molding, Phillips Process
HDPE	PE HDBM 500354 AS	0.35	0.954	Anti-Stat	Y	
HDPE	PE HDBM 500354U	0.3	0.955		Y	Blow Molding, Unipol Process
HDPE	PE HDBM 500860	0.8	0.96		Y	Homopolymers Blow Molding, Sheet, Dairy
LDPE	PE LD 300218	0.25	0.918	Barefoot Or With Slip And AB packages	Y	Heavy Duty Blown Film
LDPE	PE LD 300721	0.7	0.921	Barefoot Or With Slip And AB packages	Y	Heavy Duty Blown Film
LDPE	PE LD FL20 020	2	0.92	Tubular, Barefoot	Y	Liner, Blown and Cast Film
LDPE	PE LD FL20 020 AC	2	0.92	Autoclave, Barefoot	Y	Clarity, Blown and Cast Film
LDPE	PE LD FL20 020 TC	2	0.923	Tubular, Barefoot	Y	Clarity, Blown and Cast Film
LDPE	PE LD FL20 020 OH AC	2	0.92	Autoclave, Antiblock	Y	Premium Clarity, Blown and Cast Film
LDPE	PE LD FL20 020 AC MM	2	0.92	Autoclave, Slip and Antiblock	Y	Clarity, Blown and Cast Film
LDPE	PE LD FL19 095	10	0.919		Y	Blow and Injection Molding
LDPE	PE LD 302421	24	0.921		Y	Injection Molding/Compounding
LDPE	PE LD 340022	40	0.922		Y	Injection Molding/Compounding
LLDPE	PE LLD FLLB19 0095 NAT	1	0.919	Barefoot Or With Slip And AB packages	Y	Film, Butene
LLDPE	PE LLD FLLB19 0095 MM	1	0.919	Medium Slip, Medium Block	Y	Film, Butene
LLDPE	PE LLD FLLB19 0095 OH	1	0.919	0 Slip/ High Antiblock	Y	Film, Butene
LLDPE	PE LLD FLLH18 010	1	0.919	Barefoot Or With Slip And AB packages	Y	Film, Hexene
LLDPE	PE LLD FLLH18 010 MM	1	0.919	Medium Slip, Medium Block	Y	Film, Hexene
LLDPE	PE LLD FLLH18 010 HH	1	0.919	High Slip, High Block	Y	Film, Hexene
LLDPE	PE LLD FLLB19 020 NAT	2	0.918		Y	Film, Butene
LLDPE	PE LLD 102024 NAT PWD	20	0.924	Granular, Powder	Y	Injection/Compounding
LLDPE	PE LLD 102024 NAT	20	0.924		Y	Injection
LLDPE	PE LLD 150025	50	0.926		Y	Injection
LLDPE	PE LLD 105056 NAT PWD	50	0.926	Granular, Powder	Y	Compounding

POLYPROPYLENE

	GRADE	MFR	FLEX MOD	IZOD	ADDITIVES (*)	FDA	APPLICATIONS
		g/10 min	psi	ft·lb/in			
HP	24007	0.5	240,000	*		Y	Extrusion / Injection
	2403LW	3	240,000	*	LWC	Y	Extrusion / Injection; Film; Fiber; Tape
	2403	3	240,000	*		Y	Extrusion / Injection; Straw Grade
	2405	4	210,000	*		N	Extrusion / Injection; Straw Grade; BOPP
	2405AS	5	240,000	*	AS	Y	Extrusion / Injection; Straw Grade
	2412	12	235,000	*		Y	Injection; General Purpose
	2420	20	235,000	*		Y	Injection; General Purpose
	2420NA	20	260,000	*	N; AS	Y	Injection; General Purpose
	2425SF	25	232,000	*		Y	Injection; Fiber
	2435	35	170,000	*		Y	Injection; General Purpose
2435NA	35	200,000	*	N; AS	Y	Injection; General Purpose	
CP	26007	0.5	170,000	NB		Y	Extrusion / Injection, Sheet, Film
	2608HI	10	158,000	3		N	Injection; Medium Impact
	2610	10	232,000	1.8		Y	Injection; General Purpose
	2610HI	10	160,000	2.3	AS	Y	Injection; Medium Impact
	2612NB	12	165,000	NB	N; AS	Y	Injection, High Impact
	2620	20	160,000	2		Y	Injection; General Purpose
	2620NB	20	145,000	NB		Y	Injection; High Impact / No Break
	2630NB	30	130,000	NB	N	Y	Injection, High Impact
	2635	35	155,000	1.8		Y	Injection; General Purpose
	2650	50	180,000	1.6		Y	Injection; High Flow
RCP	2502NX	2	150,000	*	C	Y	Extrusion/Thermoforming/Injection; Clarity
	2512NX	12	160,000	*	C	Y	Injection; Clarity
	2535NX	35	170,000	*	C	Y	Injection; Clarity
	2572NX	80	155,000	*	C	Y	Injection; Clarity

* LW = Low Water

* N = Nucleated

* AS = Anti-Stat

* C = Clarified NX8000

ABS

	GRADE	MFR	FLEX MOD	IZOD	FDA	APPLICATIONS
		g/10 min	psi	ft·lb/in		
ABS	HG6	4.8	340,000	5.5	Y	Injection
	HG9	11.7	379,000	4.5	Y	Injection
	HGGP	5	340,000	5.5	Y	Injection

POLYSTYRENE

	GRADE	MFR	FLEX MOD	IZOD	FDA	APPLICATIONS
		g/10 min	psi	ft·lb/in		
PS	GPPS 5102	2	42,500	0.5	Y	Injection
	GPPS 5108	8	413,000	0.3	Y	Injection
	GPPS 5112	14	345,000	0.25	Y	Injection
	MIPS 5210	10	242,000	1.7	Y	Injection
	HIPS 5303	3	260,000	2.5	Y	Extrusion
	HIPS 5308	8	240,000	2.5	Y	Injection
	HIPS 5313	13	290,000	2	Y	Injection

* LWC = Low Water Carryover

* N = Nucleated

* AS = Anti-Stat

* C = Clarified NX8000

Nexeo Plastics
1780 Hughes Landing Blvd
Suite 1000
The Woodlands, TX 77380 USA
www.nexeoplastics.com

To Place Your Order:
P: 833.446.3936
getplastics@nexeoplastics.com

For Technical Questions:
P: 866.430.9666
techconnect@nexeoplastics.com

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