



HDPE & PP

Recycled Resins Guide



KW Plastics

100 MILLION+

lbs Silo Capacity



750 MILLION+

lbs Processing Capacity



19

Dedicated Extruders



7

Custom Washlines

Recycled Resin Highlight

HIGH DENSITY POLYETHYLENE (HDPE) *Nominal Values*

	Color	Melt Index	Specific Gravity	Notched Izod	Flexural Modulus	Tensile Yield Strength	PP %
KWR101-150	Natural	0.6	.96	NB	165,000	3,700	0
KWR102	Gray	0.5	.95	NB	125,000	3,100	7
KWR102 BM	Lt Gray	0.5	.95	NB	125,000	3,100	7
KWR102 BM White	White	0.5	.95	NB	125,000	3,100	7
KWR102-8812	Black	0.4	.96	NB	140,000	3,100	7
KWR105-7525	Black	2	.945	NB	135,000	3,000	5
KWR105M2	Charcoal/Black	4	.947	2+	125,000	3,000	5
KWR105M4	Black	4	.945	NB	120,000	2,600	5

POLYPROPYLENE (PP) *Nominal Values*

	Color	Melt Index	Specific Gravity	Notched Izod	Flexural Modulus	Tensile Yield Strength	Elongation @ Yield
KWR621 FDA	Lt Gray	10	.91	1.7	165,000	4,000	10
KWR621-20 FDA	Lt Gray	20	.91	1.7	165,000	4,000	10
KWR621-20 FDA White	White	20	.91	1.7	165,000	4,000	10
KW621	Black	10	.92	1.8	170,000	3,800	10
KW622	Black	10	.92	2	155,000	3,300	8
KW622 MA	Gray	10	.92	2	155,000	3,300	8
KW622-20	Black	20	.92	2	145,000	3,100	6
KW627C	Black	10	.96	2	155,000	3,100	8
KW308A	Black	10	.92	NB	120,000	3,000	13
KWBK10-NB	Black	10	.96	NB	150,000	2,900	14
KW1250G	Black	11	.92	2.5	145,000	3,400	7
KW1250G-35	Black	35	.92	2.5	145,000	3,400	7

NOTE: While this information is presented in good faith and believed to be accurate, KW does not guarantee satisfactory results from reliance upon such information and disclaims all liability for any loss or damage arising out of its use. No information contained herein is to be construed as a recommendation to use this product in conflict with any patent. KW Plastics may add minerals, modifiers, color concentrates and other material to enhance the visual and physical performance of its resins. Updated January 2026.



Established in 1981

Headquartered in
Troy, Alabama

World's largest
plastics recycler

Silo capacity exceeds
100,000,000 lbs

ISO 9001:2015 registered

ISO 17025
accredited laboratory

Affiliated with Wiley
Sanders Truck Lines

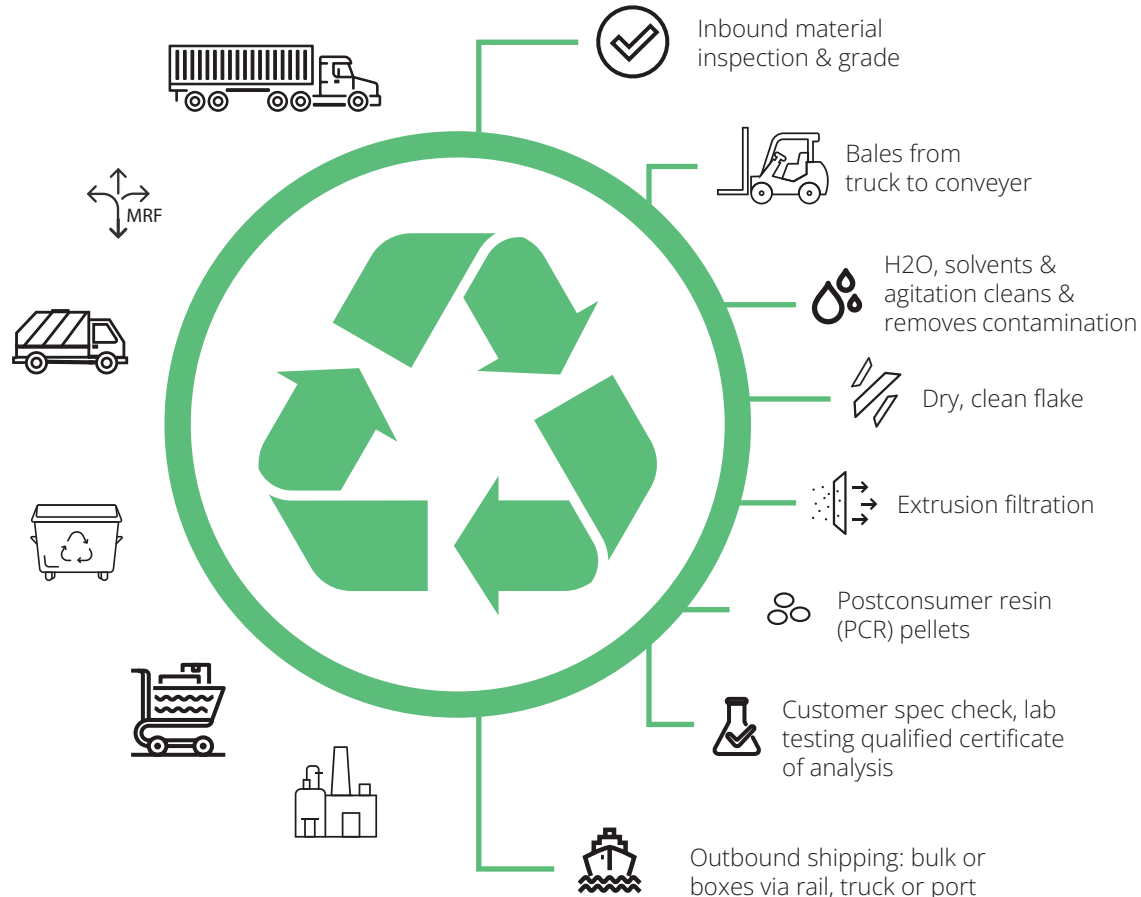
HDPE and PP FDA
LNO resins

All quotes FOB your
location unless specified

Dedicated customer
service team

Regulatory Certifications:
REACH, CONEG,
UL, Prop 65

THE KW PROCESS



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