



KW PLASTICS

Who, What, Where & How

World's largest plastics recycler

- HDPE and PP postconsumer resin supplier
- 650,000,000 lbs extrusion capacity
- 150,000,000 lbs total silo capacity

Private company, HQ in Troy, Alabama

- KW Plastics-Troy, KW Plastics-California, KW Recycling Division
- Affiliate companies-Wiley Sanders Trucklines, KW Container (5 locations)
- 35 yrs. experience in plastics recycling + injection molding with PCR



KW PLASTICS

Who, What, Where & How

SUPPLY

CHAIN

CONSUMER / MUNICIPALITIES - MRFS - RECLAIMERS - CONVERTERS - BRAND OWNERS - CONSUMER / BUYER

_____SUPPLY ____ | | DEMAND



KW PLASTICS

Resin customers







































































KW Plastics Recycling Division

Purchasing Specification Sheet

279 Pike County Lake Rd Troy, AL 36081 | 334.566.1563 | 800.633.8744 | kwplastics.com

High Density Polyethylene Bales-Natural

Post-Consumer, Blow mold grade, Homopolymer Examples may include: natural (without pigment) bottles, primarily milk and water

COMPOSITION + QUALITY STANDARDS

A natural HDPE bale should contain homopolymer (natural), blow mold grade, post consumer bottles and be baled separately from mixed color or pigmented bottles which have a separate spec.

Bales may measure 3x4x5', 4x6x4' or other standard size and should be secured with 10-12 gauge galvanized baling wire or other noncorroding strapping. Bales should not be stored outside, unocovered any longer than four weeks prior to shipment. Cardboard may be used to prevent exposure and maintain bale integrity.

Any items that previously contained hazardous material, residue and/or medical waste will be rejected.

CONTAMINANTS

- > Paper, cardboard and metal
- > Any plastic not of the specified type: i.e., PET, PVC, LDPE, PP, PS, or Other (may be marked as #7); film
- > More than 2% of any other material that is not plastic: i.e., wood, styrofoam, rubber, liquid. paint or other residuals, etc.
- > Excessive amount of debris (sand, rocks, dirt, etc.) or moisture
- > Heavy baler residue, grease or grime
- > Industrial cooking oil containers can be included in mixed color bales
- > Any plastic that has detoriated from sun or weather exposure
- > Injection grade plastics (bulky rigids)-wide mouth containers, crates, buckets, etc. There are separate specs for this material.

KWR PURCHASING DEPARTMENT

Billy Jefcoat 334-770-4420 billy.jefcoat@kwplastics.com ajohnson@kwplastics.com Andy Johnson, 334-770-4417 jason@kwplastics.com Jason Richburg 334-808-3202 dwarren@kwplastics.com Daron Warren 334-770-4438

PRICING

All prices are FOB selling point unless otherwise agreed. Base price per pound is determined by freight expense, material quality and a truck load weight of 40,000 pounds (see freight charges). All trucks are weighed empty and full on scales calibrated to 10 lb. accuracy. KW weights govern settlement. Price reductions/ freight charge may

REJECTIONS + PRICE ADJUSTMENTS

Material purchased not meeting quality standards so as to render the material difficult to process or completely unmanageable will be subject to price adjustments or rejection. If a load or partial load is rejected due to non-conformity to specifications, the material supplier shall be responsible for any and all additional costs resulting from the rejection of such load including, but not limited to inbound/ outbound shipping, demurrage, additional labor charges, landfill fees and other associated costs. Arrangements to pick-up or return rejected material must be made in a timely manner to avoid additional demurrage charges.



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PIGMENTED

HDPE Bales





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High Density Polyethylene Bales-Pigmented

Post-Consumer, Blow mold grade, Co-polymer Examples may include: mixed color household bottles, white & yellow milk jugs

COMPOSITION + QUALITY STANDARDS

A pigmented/ mixed color HDPE bale should contain colored (including white), post consumer bottles.

Bales may measure 3x4x5', 4x6x4' or other standard size and should be secured with 10-12 gauge galvanized baling wire or other noncorroding strapping. Bales should not be stored outside, unocovered any longer than four weeks prior to shipment. Cardboard may be used to prevent exposure and maintain bale integrity.

Any items that previously contained hazardous material, residue and/or medical waste will be rejected.

CONTAMINANTS

- > Paper, cardboard and metal
- > Any plastic not of the specified type: i.e., PET, PVC, LDPE, PP, PS, or Other (may be marked as #7); film
- > More than 2% of any other material that is not plastic: i.e.,wood, styrofoam, rubber, liquid, paint or other residuals, etc.
- > Excessive amount of debris (sand, rocks, dirt, etc.) or moisture; heavy baler residue, grease or grime.
- > More than 4% of total bale weight of automotive oil containers, must no thoroughly drained and rinsed. Any insecticide or other chemical bottles are unacceptable and may be grounds for penalty.
- > Any plastic that has detoriated from sun or weather exposure
- > Injection grade plastics (bulky rigids)-wide mouth containers, crates, buckets, etc. There are separate specs for this material.

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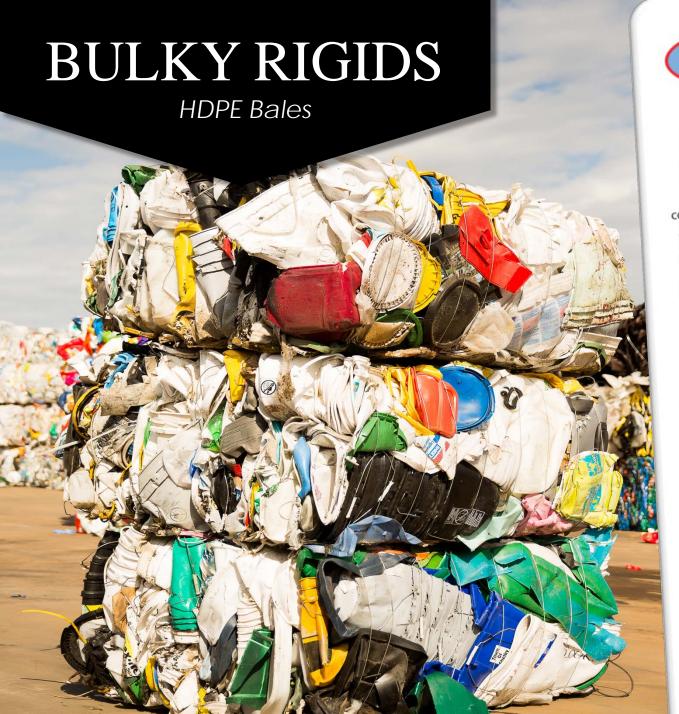
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High Density Polyethylene Bulky Rigids Bales

Examples may include: carts, crates, buckets, baskets, lawn furniture, etc.

COMPOSITION + QUALITY STANDARDS

A Bulky Rigids bale should contain injection grade HDPE, typically found to be wide mouthed containers and/or oversized items. Metal such as axels and bolts should be removed.

Bales may measure 3x4x5', 4x6x4' or other standard size and should be secured with 10-12 gauge galvanized baling wire or other noncorroding strapping. Bales should not be stored outside, unocovered any longer than four weeks prior to shipment. Cardboard may be used to prevent exposure and maintain bale integrity.

Any items that previously contained hazardous material, residue and/or medical waste will be rejected.

CONTAMINANTS

- > Paper, cardboard and metal
- > More than 4% of bale weight of plastic not of the specified type: i.e., PET, PVC, LDPE, PP, PS, or Other (may be marked as #7); film or fiber, HDPE blow mold grade (frac melt) or HMW (drums).
- > More than 2% of any other material that is not plastic: i.e., wood, styrofoam, rubber, liquid. paint or other residuals, etc.
- > Excessive amount of debris (sand, rocks, dirt, etc.) or moisture
- > Heavy baler residue, grease or grime
- > Any plastic that has detoriated from sun or weather exposure

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TUBS & LIDS

Postconsumer PP Bales





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Post- Consumer Polypropylene Tubs & Lids Bales

PP thermoform examples: yogurt cups, margarine tubs & lids, drink cups, clam shells, food trays PP blow mold examples: hot-fill jugs and bottles (i.e. ketchup, tea, juice)

COMPOSITION + QUALITY STANDARDS

A PP Tubs & Lids Bales, as defined by KW Plastics, should container post-consumer PP. We anticipate and accept up to 20% LDPE within the bale. All metal components should be removed.

Bales may measure 3x4x5', 4x6x4' or other standard size and should be secured with 10-12 gauge galvanized baling wire or other noncorroding strapping. Bales should not be stored outside, unocovered any longer than four weeks prior to shipment. Cardboard may be used to prevent exposure and maintain bale integrity.

CONTAMINANTS

- > Paper, cardboard and metal
- > More than 4% of bale weight of plastic not of the specified type: i.e., PET, PVC, PS, film or fiber
- > More than 2% of any other material that is not plastic; i.e., metal, styrofoam, paper, cardboard, wood, rubber, liquid. paint or other
- > Excessive amount of debris (sand, rocks, dirt, etc.) or moisture
- > Heavy baler residue, grease or grime
- > Any plastic that has detoriated from sun or weather exposure

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FREIGHT CHARGES

NET WEIGHT 35,000 lbs -

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Polypropylene FIBC Bales

Examples may include: bulk bags used for dry goods such as granules, resin, seeds, peanuts, starch, etc.

COMPOSITION + QUALITY STANDARDS

An flexible intermediate bulk container (FIBC) bale should contain woven bulk bags. We understand the bale will likely contain other plastic components such as nylon, PET and LDPE. These contaminants should be kept to a minumum.

Bales may measure 3x4x5', 4x6x4' or other standard size and should be secured with 10-12 gauge galvanized baling wire or other noncorroding strapping. Bales should not be stored outside, unocovered any longer than four weeks prior to shipment.

Any items that previously contained hazardous material, residue and/or medical waste will be rejected.

CONTAMINANTS

- > Paper, cardboard and metal
- > Any plastic not of the specified type: i.e., PET, HDPE, PVC, LDPE, PS, Other (may be marked as #7)
- > More than 2% of any other material that is not plastic: i.e., wood, styrofoam, wood, rubber, liquid paint or other residuals, etc.
- > Excessive amount of debris (sand, rocks, dirt, etc.) or moisture
- > Foil Liners
- > Free flowing material
- > Chemicals and/ or additives: i.e., carbon black, super absorbant polymers, frac sand, etc.
- > Any plastic that has detoriated from exposure to sun

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FREIGHT CHARGES NET WEIGHT 30,000 lbs -



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DEMAND

Final Product & Applications

Premium postconsumer resins to

- Automotive
- Beauty & Personal Care
- Pipe
- Paint & Coatings
- Agriculture
- Packaging & Sheet







CONCLUSION

- ✓ KW Plastics purchases HDPE and PP every day
- ✓ Domestic end markets are strong and reliable
- ✓ We always need more, better material
- Demand for quality applications exceeds supply
- ✓ Plastics have more value when recycled



CONTACT US

KW IS READY TO GROW WITH YOU!

www.kwplastics.com



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