

MXQ PRICES – Recycled Plastics Latin America

Price Discovery Methodology and Data Scope

1. Price Discovery Methodology

The price discovery methodology is based on the collection of primary data from key stakeholders in the plastic recycling market across Latin America. This process is conducted in a structured and systematic manner, with cross-checking to ensure the reliability of the prices published. Prices are gathered through monthly contact with three core segments of the supply chain:

- **Bales suppliers:** Including waste dealers, cooperatives, and waste management companies, who report the selling prices of recyclable plastic bales. The prices collected reflect market dynamics and factors such as bales quality, volume traded, and regional differences.
- **Recyclers:** Considered the central link in the research, as they are responsible for both purchasing the waste and producing and selling the recycled resins. The prices provided by this group reflect both the acquisition cost of the waste and the selling price of the recycled resins.
- **Converters:** Companies that use recycled resins in their production processes. They report purchase prices and confirm the market trends indicated by recyclers.

The methodology employs a rigorous cross-checking system, where prices reported by one segment are compared with those from another, eliminating potential distortions and ensuring that the published figures are representative of actual market conditions. This process guarantees that the information is shielded from bias and speculation.

2. Published Price Data

2.1 Geographic Scope: Prices are collected and reported according to the following regional breakdown:

- **Brazil:** Post-Consumer Recycled (PCR) and Bales prices;
- **Mexico:** Post-Consumer Recycled (PCR) and Bales prices;
- **Argentina:** Post-Consumer Recycled (PCR), Post-Industrial Recycled (PIR), Scraps and Bales prices;
- **Colombia:** Post-Consumer Recycled (PCR) and Bales prices;
- **Chile:** Post-Consumer Recycled (PCR) and Bales prices;

2.2 Frequency: Price collection and publication follow a fixed monthly schedule:

- **Data collection:** Conducted during the last week of the reference month, ensuring prices reflect month-end market conditions.

- **Publication:** Prices are published on the mxqinsight.com.br portal on the 10th of the following month, presenting final prices for the previous month along with the current trend.
- **PDF Report:** Released by the 15th of each month, featuring finalized prices and an analysis of the expected trend for the ongoing month.

2.3 Price Specifications

The published prices adhere to the following criteria:

- **Unit of measurement:** U.S. dollars per kilogram (USD/kg) and local currency per kilogram (\$/kg)
- **Price type:** Spot, excluding taxes and freight costs
- **Delivery format:**
 - PCR resins: Sold in 25 to 50 kg bags
 - Waste: Sold compressed and baled.
- **Price range:** Prices are presented as minimum, maximum, and weighted average values. Note that the average is not a simple arithmetic mean, but is weighted by trading volume.
- **Presentation format:** Absolute values and monthly comparative variations (1 month, 3 months, and 6 months).

Disclaimer: Published prices may differ from those observed by market participants, as they are subject to variation based on:

- Traded volume;
- Location of the supplying facility;
- Product quality;
- Financial terms of the transaction;
- Long-term contracts;

Additionally, MXQ Insight does not disclose individual transactions or identify respondents, ensuring data confidentiality.

3. Sources

Price data is obtained from formally established companies that issue tax invoices, including:

- Waste management companies;
- Waste dealers;
- Recycling cooperatives;
- Recyclers;
- Plastic product manufacturers (converters);

4. Materials Analyzed

The study covers prices of recycled resins and raw materials derived from the following polymers:

- HDPE (High-Density Polyethylene)
- LDPE (Low-Density Polyethylene)
- PP (Polypropylene)
- PET (Polyethylene Terephthalate)

5. Published Price Series

The collected prices are presented in a table containing the following elements:

#	Country	Polymer	Type	Price Series	Start
1	Brazil	HDPE	Post Consumer Recycled Resin	Standard HDPE Pelet	jan-23
2	Brazil	HDPE	Post Consumer Recycled Resin	Colored HDPE Pellet	jan-23
3	Brazil	HDPE	Post Consumer Recycled Resin	Black HDPE Pellet	jan-23
4	Brazil	HDPE	Post Consumer Plastic Waste	General HDPE Bales	jan-23
5	Brazil	HDPE	Post Consumer Plastic Waste	White Blow HDPE Bales	jan-23
6	Brazil	HDPE	Post Consumer Plastic Waste	Colored Blow HDPE Bales	jan-23
7	Brazil	LDPE/L	Post Consumer Recycled Resin	Standard LDPE/L Pellet	jan-23
8	Brazil	LDPE/L	Post Consumer Recycled Resin	Colored LDPE/L Pellet	jan-23
9	Brazil	LDPE/L	Post Consumer Recycled Resin	Black LDPE/L Pellet	jan-23
10	Brazil	LDPE/L	Post Consumer Plastic Waste	General LDPE/L Bales	jan-23
11	Brazil	PP	Post Consumer Recycled Resin	Standard PP Pellet	jan-23
12	Brazil	PP	Post Consumer Recycled Resin	Colored PP Pellet	jan-23
13	Brazil	PP	Post Consumer Recycled Resin	Black PP Pellet	jan-23
14	Brazil	PP	Post Consumer Plastic Waste	General PP Bales	jan-23
15	Brazil	PP	Post Consumer Plastic Waste	White Rigid PP Bales	jan-23
16	Brazil	PP	Post Consumer Plastic Waste	Colored Rigid PP Bales	jan-23
17	Brazil	PET	Post Consumer Recycled Resin	Clear food-grade PET Pellet	jan-23
18	Brazil	PET	Post Consumer Recycled Resin	Clear PET Pellet	jan-23
19	Brazil	PET	Post Consumer Recycled Resin	Clear PET Flake	jan-23
20	Brazil	PET	Post Consumer Recycled Resin	Green PET Flake	jan-23
21	Brazil	PET	Post Consumer Plastic Waste	PET Bales	jan-23
22	Mexico	HDPE	Post Consumer Recycled Resin	Natural HDPE Pellet	jun-23
23	Mexico	HDPE	Post Consumer Recycled Resin	Colored HDPE Pellet	jul-24
24	Mexico	HDPE	Post Consumer Recycled Resin	Black HDPE Pellet	jun-23
25	Mexico	HDPE	Post Consumer Recycled Resin	Natural HDPE Flake	jun-23
26	Mexico	HDPE	Post Consumer Recycled Resin	Colored HDPE Flake	jun-23
27	Mexico	HDPE	Post Consumer Plastic Waste	Natural HDPE Bales	jun-23
28	Mexico	HDPE	Post Consumer Plastic Waste	Colored HDPE Bales	jun-23
29	Mexico	LDPE/L	Post Consumer Recycled Resin	Natural LDPE/L Pellet	jun-23
30	Mexico	LDPE/L	Post Consumer Plastic Waste	LDPE/L Bales	jun-23
31	Mexico	PP	Post Consumer Recycled Resin	Natural PP Pellet	jun-23
32	Mexico	PP	Post Consumer Recycled Resin	Black PP Pellet	jun-23
33	Mexico	PP	Post Consumer Recycled Resin	Natural PP Flake	jun-23
34	Mexico	PP	Post Consumer Recycled Resin	Colored PP Flake	jun-23
35	Mexico	PP	Post Consumer Plastic Waste	Natural PP Bales	jun-23
36	Mexico	PP	Post Consumer Plastic Waste	Colored PP Bales	jun-23
37	Mexico	PET	Post Consumer Recycled Resin	Clear food-grade PET Pellet	jun-23
38	Mexico	PET	Post Consumer Recycled Resin	Clear PET Flake	jun-23
39	Mexico	PET	Post Consumer Plastic Waste	Clear PET Bales	jun-23
40	Mexico	PET	Post Consumer Plastic Waste	Mixed PET Bales (80% clear)	jun-23
41	Argentina	HDPE	Post Industrial Recycled Resin	Natural HDPE Pellet	jan-20
42	Argentina	HDPE	Post Industrial Recycled Resin	Colored HDPE Pellet	jan-20
43	Argentina	HDPE	Post Industrial Recycled Resin	Black HDPE Pellet	jan-20
44	Argentina	HDPE	Post Consumer Recycled Resin	Standard HDPE Pellet	jan-20
45	Argentina	HDPE	Post Consumer Recycled Resin	Colored HDPE Pellet	jan-20
46	Argentina	HDPE	Post Consumer Recycled Resin	Black HDPE Pellet	jan-20
47	Argentina	HDPE	Post Industrial Plastic Waste	HDPE Industrial Scrap	jan-20
48	Argentina	HDPE	Post Consumer Plastic Waste	HDPE Post Consumer Bales	jan-20
49	Argentina	LDPE/L	Post Industrial Recycled Resin	Natural LDPE/L Pellet	jan-20
50	Argentina	LDPE/L	Post Industrial Recycled Resin	Colored LDPE/L Pellet	jan-20

#	Country	Polymer	Type	Price Series	Start
51	Argentina	LDPE/L	Post Industrial Recycled Resin	Black LDPE/L Pellet	jan-20
52	Argentina	LDPE/L	Post Consumer Recycled Resin	Standard LDPE/L Pellet	jan-20
53	Argentina	LDPE/L	Post Consumer Recycled Resin	Colored LDPE/L Pellet	jan-20
54	Argentina	LDPE/L	Post Consumer Recycled Resin	Black LDPE/L Pellet	jan-20
55	Argentina	LDPE/L	Post Industrial Plastic Waste	LDPE/L Industrial Scrap	jan-20
56	Argentina	LDPE/L	Post Consumer Plastic Waste	LDPE/L Post Consumer Bales	jan-20
57	Argentina	PP	Post Industrial Recycled Resin	Natural PP Pellet	jan-20
58	Argentina	PP	Post Industrial Recycled Resin	Colored PP Pellet	jan-20
59	Argentina	PP	Post Industrial Recycled Resin	Black PP Pellet	jan-20
60	Argentina	PP	Post Consumer Recycled Resin	Standard PP Pellet	jan-20
61	Argentina	PP	Post Consumer Recycled Resin	Colored PP Pellet	jan-20
62	Argentina	PP	Post Consumer Recycled Resin	Black PP Pellet	jan-20
63	Argentina	PP	Post Industrial Plastic Waste	PP Industrial Scrap	jan-20
64	Argentina	PP	Post Consumer Plastic Waste	PP Post Consumer Bales	jan-20
65	Argentina	PET	Post Consumer Recycled Resin	Clear food-grade PET Pellet	jan-20
66	Argentina	PET	Post Consumer Recycled Resin	Clear PET Pellet	jan-20
67	Argentina	PET	Post Consumer Recycled Resin	Clear PET Flake	jan-20
68	Argentina	PET	Post Consumer Recycled Resin	Green PET Flake	jan-20
69	Argentina	PET	Post Consumer Plastic Waste	PET Bales	jan-20
70	Colombia	HDPE	Post Consumer Recycled Resin	HDPE Flake	mar-22
71	Colombia	HDPE	Post Consumer Plastic Waste	HDPE Bales	mar-22
72	Colombia	L/LDPE	Post Consumer Recycled Resin	LDPE/LLDPE Flake	mar-22
73	Colombia	L/LDPE	Post Consumer Plastic Waste	LDPE/LLDPE Bales	mar-22
74	Colombia	PP	Post Consumer Recycled Resin	PP Flake	mar-22
75	Colombia	PP	Post Consumer Plastic Waste	PP Bales	mar-22
76	Colombia	PET	Post Consumer Recycled Resin	PET Flake	mar-22
77	Colombia	PET	Post Consumer Plastic Waste	PET Bales	mar-22
78	Chile	HDPE	Post Consumer Recycled Resin	HDPE Pellet	apr-22
79	Chile	HDPE	Post Consumer Recycled Resin	HDPE Flake	apr-22
80	Chile	HDPE	Post Consumer Plastic Waste	HDPE Bales	apr-22
81	Chile	L/LDPE	Post Consumer Recycled Resin	LDPE/LLDPE Pellet	apr-22
82	Chile	L/LDPE	Post Consumer Plastic Waste	LDPE/LLDPE Bales	apr-22
83	Chile	PP	Post Consumer Recycled Resin	PP Pellet	apr-22
84	Chile	PP	Post Consumer Recycled Resin	PP Flake	apr-22
85	Chile	PP	Post Consumer Plastic Waste	PP Bales	apr-22
86	Chile	PET	Post Consumer Recycled Resin	PET Pellet	apr-22
87	Chile	PET	Post Consumer Recycled Resin	PET Flake	apr-22
88	Chile	PET	Post Consumer Plastic Waste	PET Bales	apr-22

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