



OMAN-ORIGIN RECYCLED PET

Hot-washed rPET flakes for reliable industrial supply.

Oman-origin post-consumer PET with tested IV and PVC results.
Supported by batch traceability and responsive buyer qualification.

NEARLY 200

MT/month production

50-70

MT/month available

OMAN

collection + processing

COMMERCIAL FEEDSTOCK PROFILE



Cover image: Zuzanna Szczepanska / Unsplash

WHY GREEN MUSCAT

Reliable supply.

Clear evidence.

Responsive service.

- IV: 0.75-0.76 dL/g.
- PVC: 93-96 ppm.
- Three batch-specific DoPs.
- Samples and records available.

GREEN MUSCAT

Redefining plastics

Renewing possibilities

A STRAIGHTFORWARD SUPPLY OFFER

Designed for efficient qualification

Clear product data, available capacity and responsive buyer support.

01 Origin

Post-consumer PET collected and processed in Oman, supported by lot-level records.

02 Process

Hot-washed material using a controlled caustic and low-foaming surfactant process.

03 Availability

Nearly 200 MT/month production; 50-70 MT/month currently available for a new arrangement.

04 Buyer support

Laboratory reports, samples, batch photographs and traceability records available for review.

FIBRE QUALIFICATION

STRAPPING QUALIFICATION

SHEET / PELLETISING

Application suitability is assessed against the buyer's incoming specification.

CONFIRMED BATCH PERFORMANCE

Recent technical results

Three July 2026 production batches provide a strong starting point for buyer qualification.

PARAMETER	REPORTED RESULT	BUYER NOTE
Material	Hot-washed rPET flakes	Current product
Colour	Mixed clear / light blue	Ratio confirmed before trial
Bulk density	238 kg/m3	Representative report result
Moisture	0.3 wt%	Representative report result
Ash at 900 C	0.0064 wt%	Representative report result
PVC	93-96 ppm	Confirmed results - three batches
Polyolefins	<0.05 wt%	Representative report result
Fines below 500 microns	<0.02 wt%	Representative report result
Flake size	1-10 mm for 90%	Representative report result
Intrinsic viscosity	0.75-0.76 dL/g	Three batches - ISO 1628-5

CONFIRMED PVC RESULTS

93-96 ppm

Three batch-specific DoP results.

Batch performance

GM0030726 | PVC 96 | IV 0.76
GM0050726 | PVC 93 | IV 0.75
GM00090726 | PVC 96 | IV 0.76
PVC ppm | IV dL/g per ISO 1628-5

Sampling and testing

Sample dates: 10, 12 and 13 July 2026
Test date: 20 July 2026
Batch Declarations of Performance available.

Collection that creates measurable value

A commercial feedstock supported by network-led collection and transparent local impact.

01

NETWORK-LED COLLECTION

Most feedstock originates through Green Muscat's own collection network, supporting origin visibility and documented chain of custody.

A strong basis for buyers seeking demonstrable collection impact and an additionality assessment.

02

DIVERSION + LEAKAGE PREVENTION

We collect PET before disposal, helping divert it from landfill and reduce leakage risk into terrestrial and marine environments.

Collection weights and processing records can support customer sustainability reporting.

03

SHARED COMMUNITY VALUE

Our collection model helps fund local community projects and creates economic value from discarded PET for underserved participants.

Project and allocation records support transparent social-impact reporting.

SUPPORTING RECORDS

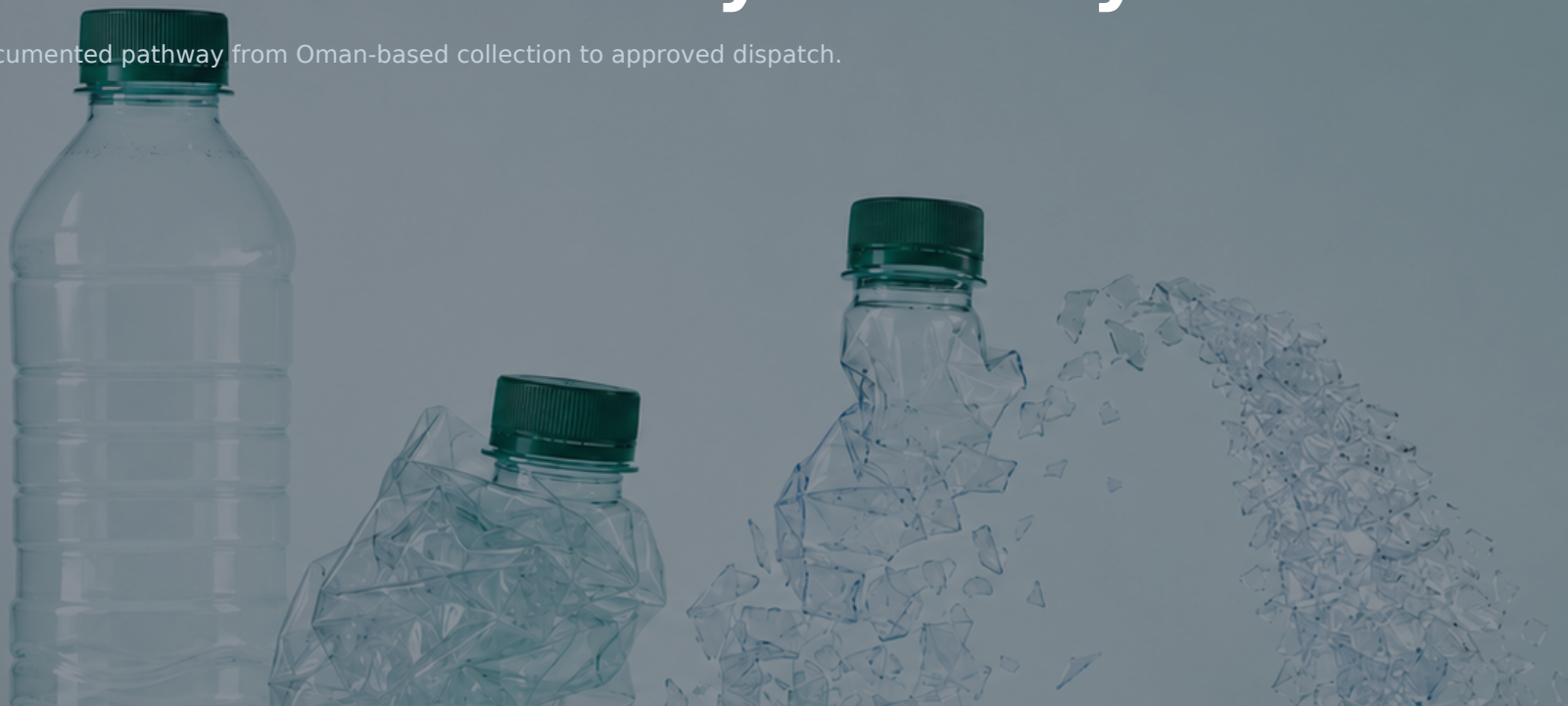
- Collection routes, source records and weights
- Batch mass balance and processing destination
- Community project and allocation records

For plastic-credit claims, Green Muscat can align evidence with the buyer's chosen methodology and independent-verification requirements.

QUALITY + TRACEABILITY

From bottle to buyer-ready flakes

A documented pathway from Oman-based collection to approved dispatch.



Capacity for a new buyer partnership

A clear allocation, flexible qualification path and buyer-specific delivery plan.

PRODUCTION ~200 MT / MONTH Nearly 200 MT/month current production output.	OPEN ALLOCATION 50-70 MT / MONTH Available for one new qualified customer relationship.	QUALIFICATION PATH Sample -> review -> trial Sample quantity and review criteria agreed with buyer. Trial supply follows technical compatibility review.
ORIGIN Al Rusayl, Oman	DELIVERY BASIS FCA Al Rusayl; FOB Sohar or Salalah	DELIVERED QUOTES Available against destination and live freight
PAYMENT LC at sight or mutually approved documentary terms	PACKAGING Buyer-approved FIBC configuration	MINIMUM ORDER One FCL - 20-foot or 40-foot container



NEXT STEP

Send us your incoming PET-flake specification.

We will assess compatibility and propose the right evidence, sample and commercial path.



Application and process



Required IV range



Maximum PVC



Colour acceptance



Sample / trial quantity



Destination and Incoterm

COMMERCIAL ENQUIRIES

Green Muscat

Sustainability Solution Company

Al Rusayl, Muscat, Sultanate of Oman

Marketing & Export Team

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Values shown are representative results from tested batches. Contractual specifications are agreed for each supply arrangement and confirmed through shipment documentation. Food-contact suitability remains subject to the buyer's process and applicable regulatory approval.