PET SHEET - DPET™

OCTAL AT A GLANCE

OCTAL is the largest PET resin plant of its type in the Middle East and the largest clear rigid PET sheet plant in the world. The company’s strategic location next to the Port of Salalah, Sultanate of Oman, provides an unmatched global reach and access to abundant and reliable raw material sources, as well as proximity to customers.

DPET™ SHEET

OCTAL’s proprietary technology produces PET sheet directly from PET melt resin, creating the first ever direct-to-sheet PET product, DPET™. OCTAL delivers the finest quality and most consistent PET sheet, enabling thermoforming, brand and retail partners to realize unsurpassed reliability, higher and more consistent yield, and packaging products with an unbeatable clear finish.

DPET™ MARKETS

- General Packaging
- Form, Fill & Seal
- Dairy Products
- Lamination
- Food Service Applications
DPET™ FEATURES

ENVIRONMENTAL ADVANTAGES

- Decreased manufacturing energy consumption by 65%
- Lower carbon footprint than any competing virgin material
- Lower carbon footprint to rPET with up to 50% PCW content
- Palletless shipping

INCREASED PRODUCTIVITY IN FFS AND THERMOFORMING

- Faster startups and increased blade life
- More precise forming
- Precise unwinding and web control
- Lower cycle times in thermoforming
- Less waste

ENHANCED MECHANICAL PROPERTIES

- Typically observed caliper variation of less than 1% [SPEC. is 3%]
- Resistance to cracking
- High definition even with deep draws
- Absolute traceability
- Reliable closure performance
- More consistently formed for multi-pack breakaway features
- High mechanical rigidity for hang tab applications

SUPERIOR OPTICAL PROPERTIES

- Enhanced product presentation and shelf impact
- Superior gloss
- High clarity
- Unmatched uniformity

BENEFITS TO LAMINATION AND FORM, FILL AND SEAL APPLICATIONS

- Easier cutting with less blade wear
- Superior performance as a mono layer structure, eliminating the need for a polyethylene layer of sealing lidding film
- Enhanced strength
- Resistance to cracking
- High definition even with deep draws
- Absolute traceability

PRODUCT OFFERING

GAUGE
200 to 1200 microns

COLOR
Clear, Black, White, Blue, Tinted Blue, Green, Yellow or as per required

Pantone

TYPICAL GAUGE VARIATION
+/- 1%

SHEET WIDTH
Up to 1670 mm (small size rolls available)

STANDARD CORE ID
152 mm

ROLL OUTER DIAMETER
Up to 1080 mm

DENEST / ANTIBLOCK TREATMENTS
Surface Silicon / Internal Masterbatch

Environment Profile

OCTAL's focus on sustainability has achieved the industry's lowest energy input and CO2 emissions per ton of production. When compared to traditional plants, OCTAL's PET resin uses 63% less energy and DPET™ sheet uses 65% less energy. This advanced operational and environmental efficiency translates into significant value for consumers at large who benefit from using the lightest weight, highest quality PET packaging with the smallest environmental footprint.