

# IMPACT MODIFIED DPET™ SHEET

Increased impact resistance engineered to reduce cracking and the possibility of shards as compared to traditional APET sheet

Productivity benefits include faster start up times, less waste & reduced blade wear

Low carbon footprint comparable to 50% pcw content rPET

Highly consistent and controllable sheet allowing for the most economical gauge selection at optimised equipment output

High presentation optical properties deliver the highest gloss, transparency with unmatched uniformity for both pre-formed tray and Form Fill Seal applications

Light Transmission >90% in transparent sheet

Thickness Tolerance TOV +1%

Tensile Strength 564 - 634 kg/cm<sup>3</sup>

Specific Gravity 1.33 g/cm<sup>3</sup>

Thermoforming Temperatures 121°C - 154°C



The **Leading Choice** for Clear Rigid Packaging

## OCTAL at a Glance

OCTAL is the world's largest producer of PET sheet and the Middle East's largest PET resin plant. 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.



### DIRECT-TO-SHEET (DPET™) PROCESS



The company'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.

## Environmental Profile

OCTAL's focus on sustainability has achieved the industry's lowest energy input and CO<sub>2</sub> 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.



## PRODUCT OFFERING

### GAUGE

200 - 1250mu

### COLOUR

Transparent, White or Spot as per Pantone reference



### SHEET WIDTH

Up to 1670mm  
Standard Core ID 152mm  
Roll Outer Diameter up to 1080mm

### DENEST / ANTI-BLOCK TREATMENTS

Surface silicone / silicone free coatings / internal masterbatch



## CERTIFICATIONS

Approval from Ministry of Health, Oman  
BRC Global Standard for Packaging and Packaging Materials, CONEG Regulations (USA/CANADA), Dutch Warenwet I (Plastics), EU regulation 10/2011, EC Directive 94/62/EC for heavy metal content, European pharmacopoeia 6.3 chapter EP 3.1.15, German BFR Recommendation XVII, ISO 9001:2008, ISO 14001:2004, Kosher compliance, OHSAS 18001:2007, REACH regulation EC/1907/2006, USA FDA CFR 21 section 177.1630, MS 2565:2014 Halal Packaging General Guidelines

### HEADQUARTERS:

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### PET MANUFACTURING COMPLEX:

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