

## DPET™/PE PEELABLE

### EXTRUSION CAPABILITIES

Gauge	220/50 to 700/50 microns	±3%
Width of Sheet	150 to 1600 mm	-0/+1 mm
Core ID	152.4 mm	[Standard]
Roll Outer Diameter	≤ 350/50: 700 mm ≥ 350/50: 1000 mm	±3% ±3%
Treatment	Silicone or Non-Silicone Coating	
Winding	PE Inside or Outside	

### PROPERTIES

Bond Strength	≥ 4.0 N/15 mm	ASTM F88F88M
Seal Strength*	≤ 8.0 N/15 mm	ASTM F88F88M
Tensile Strength	≥ 50 N/mm <sup>2</sup>	ASTM D882
Intrinsic Viscosity	>.74	ASTM D3835
Light Transmission	> 88 %	D1003
Haze	< 10.0 %	D1003
Thermoforming Temperatures	121 to 154 °C	
Oxygen Permeability	≤ 20 cc/m <sup>2</sup> .day at 23°C, 50% RH	ASTM F1927
Water Permeability	≤ 2.0 g/m <sup>2</sup> .day at 23°C, 50% RH	ASTM F1249
Gels/Fish Eye/Inclusion	≥ 0.75 mm <sup>2</sup> = 0 0.75 - 0.35 mm <sup>2</sup> = 10 / ft <sup>2</sup>	

\*USING OCTAL LIDDING FILM



### 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.



## DPET™/PE LAMINATE SHEET FOR POULTRY



HEADQUARTERS:  
P.O. Box 3786, Muscat 112, Sultanate of Oman

PET MANUFACTURING COMPLEX:  
P.O. Box 383, Salalah 217, Sultanate of Oman

[WWW.OCTAL.COM](http://WWW.OCTAL.COM)

CONTACT US:  
OMAN P: +968 23 217 500 F: +968 23 217 506  
USA P: +1 (972) 985 4370 F: +1 (972) 985 4371  
CHINA P: +86 21 6487 5387 F: +86 21 6468 6772  
UK P: +44 79 5614 6641  
GERMANY P: +49 160 947 93121  
REACH US BY E-MAIL: [info@octal.com](mailto:info@octal.com)

**OCTAL** The Leading Choice for Clear Rigid Packaging

# DPET™/PE LAMINATE SHEET FOR POULTRY

Beginning with the formed container, the process of designing an FFS package requires choosing the highest quality material with greatest consistency to meet the needs of the brand owner, food processor and consumer alike, for high speed machinability.

Poultry packaging calls for assistance with the preservation of the product, protection from physical damage, and product integrity to enhance visual appeal and promote purchase.

DPET™/PE Laminate Sheet with its improved barrier properties effectively preserves contents and prevents odor contamination while providing excellent packaging appeal especially for detailed printing designs.



DPET™'s optimum gauge control empowers designers with the freedom to push packaging design boundaries with new and exciting shapes and forms, reducing package weight and cost. Its environmental profile stands above the rest, setting new global benchmarks. Combining this with superior, low waste processing capabilities renders DPET™/PE Laminate Sheet the preferred choice for a cost effective, high performing and environmentally conscious FFS package.

## KEY POINTS

- 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

## TECHNICAL DATA

### PRODUCT

Clear Direct-to-sheet Amorphous Polyethylene Terephthalate Sheet (DPET™) with a PE laminate film.

### COMPOSITION AND PROCESS

The material is composed of a layer of PE film laminated onto DPET™ sheet.

### FOOD CONTACT APPROVAL

EU Regulation 10/2011, USA FDA CFR 21 Section 177.1630, Heavy metal requirements of EC Directive 94/62/EC, UK Statutory Instrument 2003 No. 1941 as amended and the CONEG Regulations.

## TECHNICAL SPECIFICATIONS DPET™/PE LOCK-UP

### EXTRUSION CAPABILITIES

Gauge / Thickness	220/50 to 700/50 microns	±3%
Width of Sheet	150 to 1600 mm	-0/+1 mm
Core ID	152.4 mm	[Standard]
Roll Outer Diameter	≤ 350/50: 700 mm ≥ 350/50: 1000 mm	±3% ±3%
Treatment	Silicone or Non-Silicone Coating	
Winding	PE Inside or Outside	

### PROPERTIES

Bond Strength	≥ 4.0 N/15 mm	ASTM F88F88M
Seal Strength*	≥ 20.0 N/15 mm	ASTM F88F88M
Tensile Strength	≥ 50 N/mm <sup>2</sup>	ASTM D882
Intrinsic Viscosity	>.74	ASTM D3835
Light Transmission	> 88 %	D1003
Haze	< 10.0 %	D1003
Thermoforming Temperatures	121 to 154 °C	
Oxygen Permeability	≤ 20 cc/m <sup>2</sup> .day at 23°C, 50% RH	ASTM F1927
Water Permeability	≤ 2.0 g/m <sup>2</sup> .day at 23°C, 50% RH	ASTM F1249
Gels/Fish Eye/Inclusion	≥ 0.75 mm <sup>2</sup> = 0 0.75 - 0.35 mm <sup>2</sup> = 10 / ft <sup>2</sup>	

\*USING OCTAL LIDDING FILM

## DPET™/PE WITH BARRIER PROPERTIES

### EXTRUSION CAPABILITIES

Gauge / Thickness	220/50 to 700/50 microns	±3%
Width of Sheet	150 to 1600 mm	-0/+1 mm
Core ID	152.4 mm	[Standard]
Roll Outer Diameter	≤ 350/50: 700 mm ≥ 350/50: 1000 mm	±3% ±3%
Treatment	None	or as specified
Winding	PE Outside	or as specified

### PROPERTIES

Bond Strength	≥ 4.0 N/15 mm	ASTM F88F88M
Tensile Strength	≥ 50 N/mm <sup>2</sup>	ASTM D882
Intrinsic Viscosity	>.74	ASTM D3835
Light Transmission	> 88 %	D1003
Haze	< 10.0 %	D1003
Thermoforming Temperatures	90 to 120 °C	
Oxygen Permeability	≤ 2.0 cc/m <sup>2</sup> .day at 23°C, 50% RH	ASTM F1927
Water Permeability	≤ 2.0 g/m <sup>2</sup> .day at 23°C, 50% RH	ASTM F1249
Gels/Fish Eye/Inclusion	≥ 0.75 mm <sup>2</sup> = 0 0.75 - 0.35 mm <sup>2</sup> = 10 / ft <sup>2</sup>	

