

FEATURES & BENEFITS

- High Clarity APET Clear Face Shield provides:
 - ✓ Anti-Static
 - ✓ Moisture Resistance
 - ✓ Anti-Fog Capability
 - ✓ Strong Non-Tear Quality
 - ✓ Enhanced Durability
- Shield is FDA Approved
- Soft and Durable Foam provides cushion for long wearing

APPLICATIONS

- Medical
- Healthcare
- Food Service
- Safe for all areas where direct contact will occur



High Clarity APET Shield Specifications

APET (BT 839) POLYESTER CLEAR WITH INTERNAL DE NEST AB-23

Grade:	BT839	Finish:	Gloss/ Gloss
Thickness:	.008 - .010	Width:	Various \pm 5mm
Property	Test Result	Test Method	
Specific Gravity	1.34	ASTM-D-792 (g/cm ³)	
Haze	\leq 3.5	ASTM-D-1003 (%)	
Coefficient of Kinetic Friction	\leq 0.370	ASTM-D-1894	
Tensile Modulus	\geq 16,000	ASTM-D-638 (kg/cm ²)	
Tensile Elongation @ Yield	\geq 3.5	ASTM-D-638 (%)	
Tensile Strength @. Yield	\geq 450	ASTM-D-638 (kg/cm ²)	
Surface Tension	\geq 38	ISO 8296 (Dyne)	
Fish Eye > 0.3 mm	\leq 50 Species/ m ²		
Black Mark > 0.5 mm	None		
Glass Transition Temperature	65 – 70 °C	ASTM-D-648	
Crystal Temperature	120 – 150 °C	ASTM-D-648	
Melting Temperature	245 – 250 °C	ASTM-D-648	

