



Product Specification Sheet



FACE SHIELD	
Product Description	Clear Sanitizable / reusable face Shield
Country of Origin	Australia
TGA (ARTG Number)	334226
Material	Shield - 1mm PETG Head Band - .6 Polypropalene
Anti-Fog (Y/N)	Fog Resistant
Foam Headband (Y/N)	No
Compatible with glasses or goggles (Y/N)	Y
Percentage of Components Sanitisable	100%
Recyclable	Y
Chemical Resistant	Y
Non Porous	Y
Impact Resistant	Y
Latex Content	N
Measurements in cm (include dimensions of shield and thickness of foam)	Flat size Shield 446x260m Head Band 689x35mm
Single Use (Y/N)	No
If not single use – clean with <<recommended process>>	Hospital Grade IPA Wipes or Neutral Wipes
Packing (e.g Pieces/Pack, Pack/Carton)	50 pieces per carton
Pre-formed or assembly required	Assembly required
Shelf life	PETG & Polypropylene Components 5 yrs - Please note - Protective Adhesive film on PETG may deteriorate over time (18 months or longer) and become brittle or difficult to remove. Product is 100% useable if film can be removed

PETG	Testing Standard	Results	Unit of measure
GENERAL			
Water Absorption	ISO62	0.30%	
Density g/cm ³	ISO1183	1.27 (0.0458)	(lb/in ³)
MECHANICAL			
Tensile Strength	ISO527-2	50 (7252)	MPa (psi)
Elongation at Break	ISO527-	2 54 %	
Tensile Modulus	ISO527-2	2050 (297316)	MPa (psi)
Flexural Strength	ISO178	70 (10152)	MPa (psi)
Flexural Modulus	ISO178	2050 (297316)	MPa (psi)
Charpy Impact Strength, Notched	ISO179-1	7 (3.33)	kJ/m ² (ft-lb/in ²)
Izod Impact Strength, Notched	ISO180/1A	7 (3.33)	kJ/m ² (ft-lb/in ²)
THERMAL			
Vicat Softening Temperature, B50, Annealed	ISO306	79 (174)	°C (°F)
Heat Distortion Temperature, 1.8MPa	ISO75	64 (147)	°C (°F)
Continuous Service Temperature -		55 (131)	°C (°F)
Maximum Short Term Temperature -		65 (149)	°C (°F)
Degradation Temperature - >		250 (>482)	°C (°F)
OPTICAL			
Light Transmission (3mm / 0.118")	DIN5036-3	87%	
Refractive Index	DIN5036-3	1.57 -	
Polypropylene	Testing Standard	Results	Unit of measure
GENERAL			
Water Absorption	ISO62	0.30%	
Density		0.605	g/cm ³
MECHANICAL			
Tensile Strength	ISO527	30	MPa (psi)
Elongation at Break	ISO527-	8	
Tensile Modulus	ISO527-2	1600	MPa (psi)
Charpy Impact Strength, Notched	ISO179-1	No Br	kJ/m ² (ft-lb/in ²)
THERMAL			
Vicat Softening Temperature, B50, Annealed	ISO306	79 (174)	°C (°F)
Heat Distortion Temperature, 1.8MPa	ISO75	64 (147)	°C (°F)
Maximum Short Term Temperature -		130	°C