

CERTIFICATE OF ANALYSIS - MEDICAL COMPOUND

Party Name: AHA 3D Innovations

Test Date: 20.5.20

Material Name: PVC COMPOUND

Invoice No: 17/2020-21

Type and Grade: OXYGEN MASK, MNH-75

Quantity: 50 Kgs

Batch No: E2-118MY20D

CHARACTERISTICS	TEST METHOD	UNIT	SPECIFICATION	TEST VAUE
<u>PHYSICAL PROPERTIES</u>				
Pellet Size(min) and Shape	Visual	-	2-4 mm	2-4 mm, cylindrical
Specific Gravity	ASTM D792	-	1.21±0.02	1.20
Hardness	ASTM D2240	Shore A	75 ±2	75
Color Appearance	Visual	-	Blue Tint	Blue Tint
Surface Finish	Visual	-	Smooth	Smooth
<u>MECHANICAL PROPERTIES</u>				
<u>BEFORE AGEING</u>				
Tensile Strength (Min)	ASTM D638	N/mm ²	-	14.8
Elongation at Break (Min)	ASTM D638	%	-	355
<u>PHYSICO CHEMICAL PROPERTIES</u>				
Difference in pH	As per ISO 3826/ IP-2018	-	1.5 (max)	0.5 ml
Non Volatile Matter		mg/L	50 mg/L (max)	4 mg/L
Residue on Ignition		%	0.1% (max)	Complies
Heavy Metal Ions		ppm	1 ppm (max)	Complies
Buffer Capacity		ml	10 ml (max)	0.9 ml
Oxidisable Substances		ml	1.5 ml (max)	0.3 ml

PREPARED BY: LAB IN-CHARGE (QA)

This is computer generated report, hence does not require signature.



ISO 9001:2015



OHSAS 18001:2007



ISO 14001:2015



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