

PRODUCT DATA SHEET

PROPELLER: DOP 1045



Rotation direction	counter-clockwise (CCW)
Material	ABS(Acrylonitrile butadiene styrene)
Weight	10.30g \pm 5%
Central hole	\varnothing 6 mm – hole size can be reduced based on the requirement using spacers(\varnothing 3 mm, \varnothing 4 mm, \varnothing 5 mm, \varnothing 6 mm, \varnothing 8 mm)
Diameter	10" (254.4 mm \pm 1%)
Pitch	4.5" measured at 75% of propeller blade
Standard testing	Balance, Visual Inspection, Bench test
Country	Made in India

Test – Results

Test type Static Test

Specifications:

Motor A2212/13T 1000KV

ESC 30A

Battery Lipo 35c-3s 2200mAh

Voltage(V)	Propeller	Throttle(%)	Thrust(g)	Ampere(A)	Power(W)	Efficiency (g/W)
11.56V (3S Lipo)	DOP1045 (10*4.5)	16	77	0.81	9.1	8.46
		25	112	1.09	12.4	9.02
		33	179	1.75	20.1	8.90
		50	326	3.7	41.7	7.81
		66	514	6.36	77	6.67
		75	600	8.87	97.5	6.15
		83	665	10.02	114	5.83
		100	802	13.09	152	5.27

To get more information about manufacturing process or possibility to customize propeller
reach out to info@dronesorigin.com