



Cotton Arbitration & Testing General Organization  
CATGO  
General Administration for Information Systems & Digitization  
ISD

## Physical Fiber Properties for Short Fiber Cotton Varieties

Measured By HVI & Micromat

From 1/9/2023 Until 04/07/ 2024 season 2023/2024

variety	LIMA COTTON	EDESSA COTTON
<b>property</b>		
<b>Mic Reading</b> u/inch	4.63	4.14
<b>Upper Half Mean Length</b> (mm)	28.52	26.98
<b>Uniformity Index</b> (%)	83.4	82.3
<b>Short fiber</b> (%)	7.8	8.5
<b>Strength</b> (gm/tex)	30.7	28.2
<b>Reflectance</b> Rd	71.7	67.1
<b>Yellowness</b> +b	8.5	9.1
<b>SCI</b>	132	118
<b>Maturity</b> (%)	73	63
<b>Hair Weight</b> (m.tex)	183	173
<b>Trash</b> %	5.2	8.5
<b>Neps Count/gram</b>	113	150
<b>No. of samples</b>	28	10

General Manager  
Mr/ Mohamed Abdlhafiez