

# Description of Materials

**Date:** April 15, 2026

**Item Name:** CARBON BRUSH **Model:**LFC554 **Size:**20\*32\*64mm

**Standard:**JB/T4003-2001

Properties	Unit	Numerical value
Copper content		
Resin binder graphite and others parts		1
Cubage Density	g/cm <sup>3</sup>	1.25-1.35
Resistivity	$\mu\Omega$ -m	18-25
Shore hardness	HS	46317
Permissible peripheral speed	m/s	80
Permissible current density	A/cm <sup>2</sup>	10
The coefficient of friction	$\mu$ k	$\leq 0.20$

*Ann Yan*  
Inspected By

