

Performance Comparison Overview

Material Type	Strength	Toughness	Heat Resistance	Processability	Cost	Typical Applications
PC	★★★★★	★★★★☆	★★★★★	★★☆☆☆	Higher	Transparent parts, industrial structural components, high-end automotive parts
ABS	★★★☆☆	★★★★☆	★★★☆☆	★★★★★	Economical	Home appliances, toys, automotive interiors, general housings
PC+ABS	★★★★☆	★★★★☆	★★★★☆	★★★★☆	Moderate	Automotive dashboards, 3C device housings, medical equipment