

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 |