

# EPX 86FR for DLS™

Flame retardant, functional toughness, high-strength and long-term stability

## An unmatched combination of properties

- Well suited to consumer, automotive and industrial applications
- UL 94 V-0 rated with flame retardant and self-extinguishing features

Notched impact: 30J/m	Flexural strength @ 5%: 3500MPa	Elongation at break: 5%	Tensile strength: 90MPa Tensile modulus: 3300Pa
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Images courtesy Carbon Inc.

- Very high levels of accuracy and quality for end-use parts. Excellent retention of material properties during high-temperature aging, temperature/humidity cycling, and thermal shock
- Significant chemical resistance in splash tests under USCAR-2 conditions



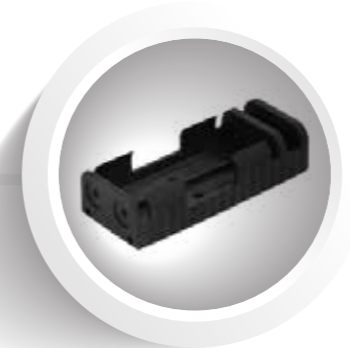
3D printing for Production!



Flammability, UL 94: V-0, V-1  
12s vertical Burn: Pass



Biocompatibility: meets USP Class I-VI and US FDA guidance for Intact Skin Surface Devices



Heat deflection temperature: 135°C



1% water absorption @24hrs

EXP 86 FR provides thermal stability



Strong, flame retardant parts with an excellent surface finish