Passenger Rail
Car Armrest

This armrest was 3D printed with Covestro's Addigy® PA6/66-GF20 FR LS, a 20% glass-filled nylon filament. This low-smoke polymer meets European and North American rail cabin safety standards. In addition, Addigy® PA6/66-GF20 FR LS filament allows manufacturers to leverage the time and cost benefits of 3D printing, particularly for low-volume production applications such as obsolete part replacement that would be cost-prohibitive with molding. As a Stratasys Validated Material, Covestro's Addigy® PA6/66-GF20 FR LS has been tested and tuned for operation on the Fortus 450mc™ 3D printer.

System	Fortus 450mc
Material	Addigy® PA6/66-GF20 FR LS (glass filled nylon)
Build Time	16.25h
Model Material Used	367 cm³ (22.4 in³)
Support Material Used	75 cm³ (4.6 in³)

ISO 9001:2015 Certified

STRATASYS.COM

stratasys®