

Tectonic^{3D}

Kratir PA11 CF



BASE MATERIAL FEATURES



High temperature resistance
(HDT under load 1.8 Mpa 180 °C)



Excellent chemical resistance
(including acids, bases and salts)



Carbon fiber for high stiffness



Very low moisture uptake,
resulting in excellent
dimension stability



97% European sourced bio-
based material (castor oil)



Outperforming PA12 in terms
of impact (double at -30 °C
notched charpy)



>15% recycled content



PRINTING PERFORMANCE



Low moisture uptake for trouble
free printing



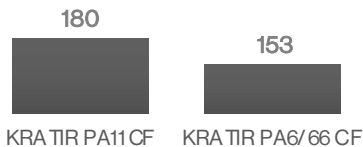
Extremely ductile in Z-direction

APPLICATIONS

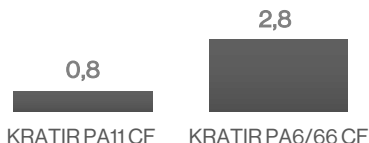


- Where performance and sustainability is needed.
- Airducts for defense vehicles

HDT (1.80 MPA) [°C]



MOISTURE ABSORPTION [%]



VOICE OF CUSTOMER

"KRATIR PA11CF enabled the possibility of producing large parts for specific engineering applications. Thanks to the consistency of the filament, the production is reliable and repeatable"

Riku Hietarinta
MiniFactory

AVAILABLE IN
BLACK

AVAILABLE IN
DIFFERENT SPOOL WEIGHTS