

## MATERIAL CARD 02

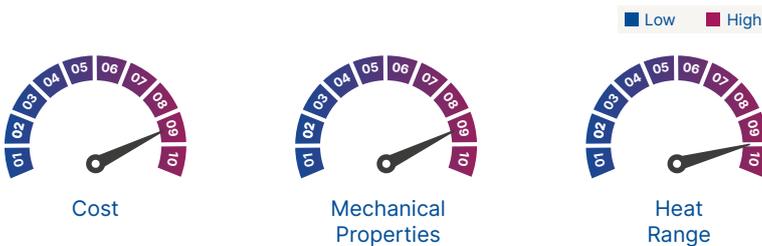
# Antero 800NA

Antero 800NA is a Polyetherketoneketone (PEKK)-based FDM thermoplastic. As a high-performance material, it possesses enhanced chemical resistance capabilities. Due to these properties, Antero 800NA is particularly well-suited for aircraft and space applications, where materials must withstand harsh environments and chemical exposures.



## Benefits

Antero 800NA is suitable for manufacturing aircraft components that are exposed to jet fuel, oil, and hydraulic fluid. It is also an excellent choice for spacecraft parts requiring low outgassing and industrial components where chemical resistance is crucial. For applications demanding high strength, chemical and fatigue resistance, Antero 800NA presents an ideal option.



## Physical & Mechanical Properties

Property	Typical Value
Tg (°C)	155
Melt Temp (°C)	300
Density (kg/m <sup>3</sup> )	1280
Yield strength (MPa)	87
Bio-Compatibility	Yes

	Good	Average	Poor
Chemical Resistance	■		
UV Stability		■	
Reusability		■	
Impact Resistance		■	
Fire Performance	■		

## Typical Applications

- Aerospace or spacecraft parts
- Industrial equipment, tooling
- Chemical industry applications

## Industries

- Aerospace
- Defence
- Space
- Rail
- Marine
- Nuclear
- Automotive

## Colour Options

- Black
- White
- Blue
- Red
- Yellow
- Nectarine
- Ivory
- Green
- Grey
- Natural

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