

## Greene Tweed Arlon® 1260 Polyketone, Carbon Filled

Category : Polymer , Thermoplastic , Polyketone , Polyetheretherketone (PEEK)

### Material Notes:

Arlon® 1260 is a carbon-fiber reinforced version of Arlon 1000 featuring the highest modulus and tensile strength of all the Arlon grades. Designers requiring a low coefficient of thermal expansion often select Arlon 1260. Arlon 1260 also provides enhanced Tribological properties, reduced friction values and improved wear properties over Arlon 1000. Arlon 1260 is ideal in lubricated bearings and/or moist environments. Information provided by Greene Tweed.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Greene-Tweed-Arlon-1260-Polyketone-Carbon-Filled.php](http://www.lookpolymers.com/polymer_Greene-Tweed-Arlon-1260-Polyketone-Carbon-Filled.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.41 g/cc	1.41 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	92	92	ASTM D2240
Tensile Strength at Break	230 MPa	33400 psi	ASTM D368
Elongation at Break	1.9 %	1.9 %	ASTM D638
Tensile Modulus	21.7 GPa	3150 ksi	ASTM D638
Flexural Strength	347 MPa	50300 psi	ASTM D790
Flexural Modulus	19.0 GPa	2750 ksi	ASTM D790
Compressive Strength	262 MPa	38000 psi	ASTM D695

Descriptive Properties	Value	Comments
Color	Black	

## Contact Songhan Plastic Technology Co.,Ltd.

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