

Product Data Sheet



GENERAL DESCRIPTION

Sized, PAN precursor, milled carbon fiber. These milled carbon fibers have low fibrillation, average 100 microns in size and are intermediate modulus.

CHARACTERISTICS AND PROCESSES

Carbon fibers are characterized by their high dimensional stability, lightweight, chemical and biological resistance, low coefficient of thermal expansion, specific toughness, stiffness, strength and low relative density. They are most commonly used in combination with a matrix material to form an advanced composite.

Micronized carbon fibers are easily dispersed within an array of matrices and easily processed with conventional equipment: Injection, extrusion, compression, transfer, internal & mill mixing, calendaring, casting, vacuum and thermoforming.

Physical Properties

Carbon Content -----	93%
Composition-----	PAN Polyacrylonitrile Precursor
Sizing Content	
Low Sizing -----	<0.1%
Fiber length-----	100μ
Filament diameter-----	7 um, ± 0.2
Specific Gravity-----	1.8, ± 0.2
Ash Weight -----	<1.5%
Melting Point -----	N/A
Color -----	Black
Standard Packaging-----	55lb. Plastic Bags In Boxes