

## Gwent Electronic Materials P2121112P9 Tetrafluoromethane Plasma Modified Multiwalled Carbon Nanotubes

Category : Carbon

**Material Notes:**

Production Method: CVD  
Color: Black  
Product which has not yet been extensively tested. Information provided by Gwent Electronic Materials Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Gwent-Electronic-Materials-P2121112P9-Tetrafluoromethane-Plasma-Modified-Multiwalled-Carbon-Nanotubes.php](http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-P2121112P9-Tetrafluoromethane-Plasma-Modified-Multiwalled-Carbon-Nanotubes.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.190 g/cc	0.00686 lb/in <sup>3</sup>	EN ISO 60
Density	1.70 - 1.90 g/cc	0.0614 - 0.0686 lb/in <sup>3</sup>	theoretical
Specific Surface Area	70 - 80 m <sup>2</sup> /g	70 - 80 m <sup>2</sup> /g	BET Analysis

Component Elements Properties	Metric	English	Comments
Carbon, C	83.3 %	83.3 %	XPS
Fluorine, F	14.1 %	14.1 %	XPS
Oxygen, O	2.6 %	2.6 %	XPS
Silicon, Si	<= 0.010 %	<= 0.010 %	XPS

Descriptive Properties	Value	Comments
Nanotube Length, nm	1000	SEM
Nanotube Outer Diameter, nm	1-5	SEM

### Contact Songhan Plastic Technology Co.,Ltd.

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