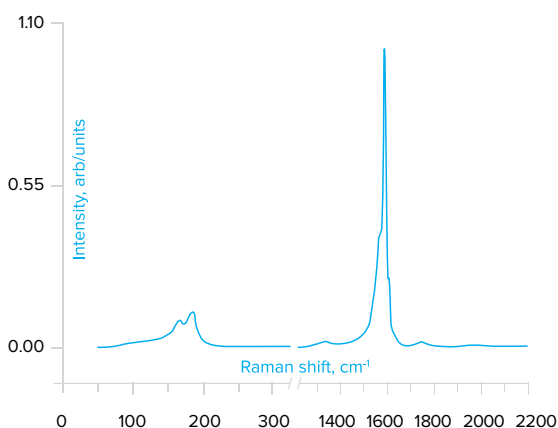


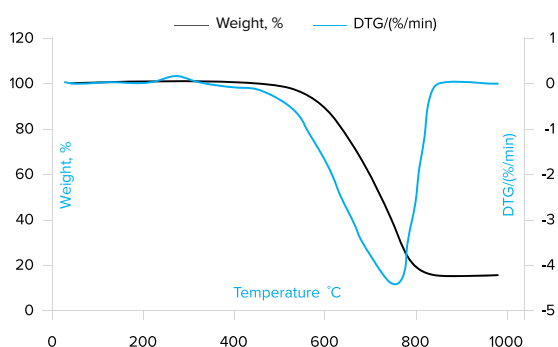
Specification	Unit of measure	Value	Method of evaluation
Appearance	-	Black powder	Visual inspection
SWCNT content*	wt.%	≥80	OCSiAl internal method. Ash residue
SWCNT length	μm	>5	AFM
Specific surface area	m ² /g	≥300	BET METHOD. ISO 9277:2010 (E)
SWCNT outer mean diameter	nm	1.6±0.4	Optical absorption. ISO/TS 10868:2017 (E)
G/D ratio	unit	≥40	Raman (532 nm). NIST Special Publication 960-19
Metal impurities*	wt.%	≤15	OCSiAl internal method. ICP-AES
Moisture	wt.%	<5	OCSiAl internal method. Infrared thermogravimetry

* Content in dry matter

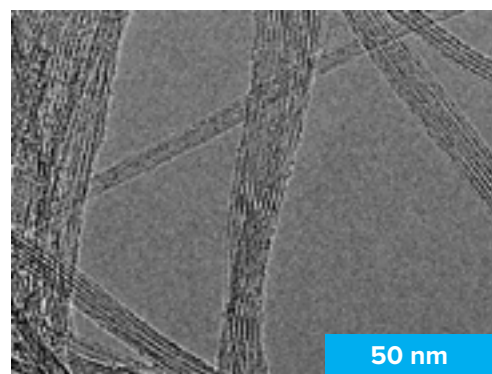
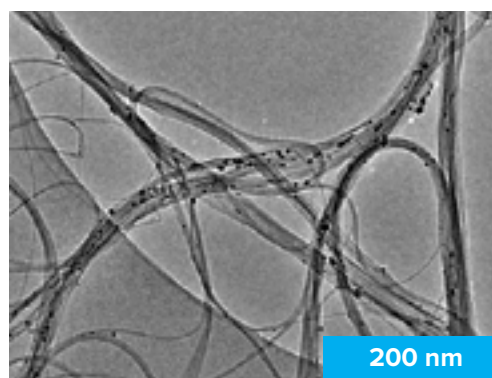
RAMAN SPECTRUM



TGA CURVES



TEM IMAGES



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