

# Technical Data Sheet

## Multi-Walled Carbon Nanotubes

Revision Date: 04/04/2009

Date Issued: 03/02/2007

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY / UNDERTAKING

<b>Product name</b>	Multi-Walled Carbon Nanotubes
<b>Product code</b>	CP-0017-SG
<b>Supplier</b>	IoLiTec Ionic Liquids Technologies GmbH Salzstrasse 184 D-74076 Heilbronn Germany
<b>Telephone</b>	+49 (0)7131 - 898390
<b>Fax</b>	+49 (0)7131 - 89839109
<b>Emergency telephone</b>	+49 (0)179 - 5322578
<b>Email</b>	msds@iolitec.de

### 2 COMPOSITION / INFORMATION ON INGREDIENTS

<b>Ingredient name</b>	Multi-Walled Carbon Nanotubes
<b>CAS No.</b>	-
<b>Purity</b>	> 95 wt%
<b>Amorphous Carbon</b>	< 3 wt%
<b>Ash</b>	< 0.2 wt%
<b>Outer Diameter</b>	10-20 nm
<b>Length</b>	5-15 $\mu$ m
<b>Specific Surface Area</b>	40-300 m <sup>2</sup> /g
<b>Colour</b>	black
<b>Thermal conductivity</b>	~2000 W/m * K
<b>Bulk density</b>	-

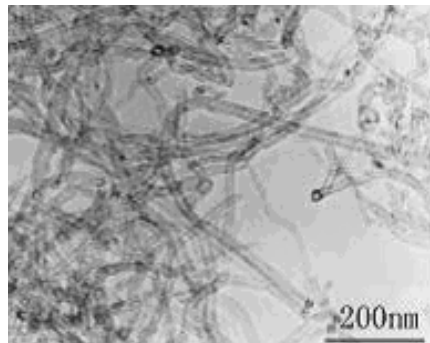
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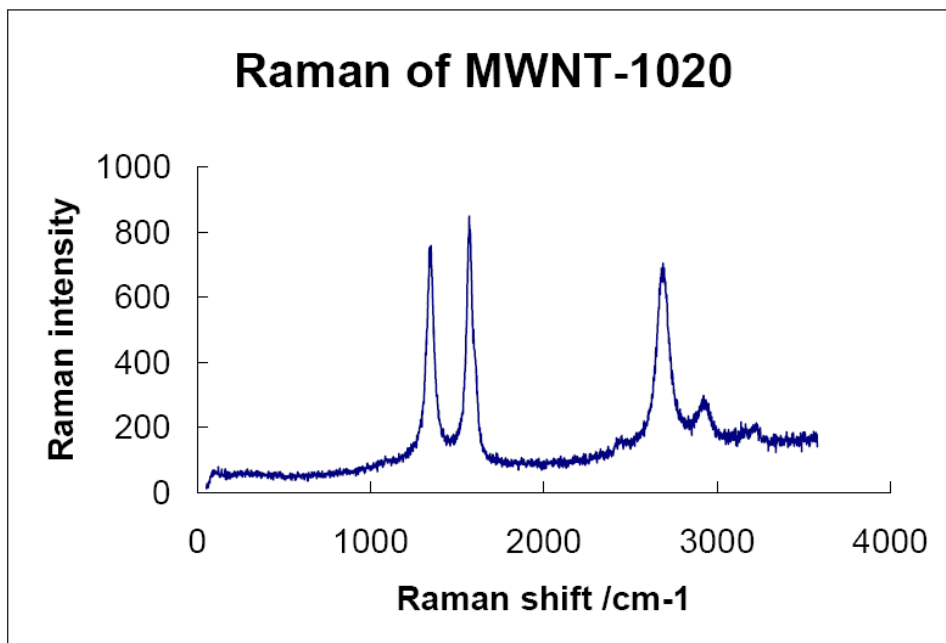
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### 3 TRANSMISSION ELECTRON MICROSCOPY



### 4 RAMAN



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### 5 OTHER INFORMATION

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