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|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **TiO2-Sn(x)** a**Photocatalyst** | **Sn content** a(%at.) b | **Dp** a (Å) | **Vt** a(cm3/g) | **SBET** a (m2/g) |
|  | Theory | XPS | EDS |  |  |  |
| 0.0 | 0 | 0 | 0 | 99 | 0.30 | 105 |
| 0.1 | 5.5 | 5 | 4 | 87 | 0.53 | 171 |
| 0.2 | 12 | 10 | 9 | 32 | 0.16 | 160 |
| 0.3 | 19 | 12 | 14 | 40 | 0.12 | 95 |
| 0.4 | 26 | 15 | 17 | 53 | 0.15 | 90 |
| 0.5 | 35 | 17 | 20 | 62 | 0.21 | 84 |

a The column header (parameter symbol or abbreviation), in boldface.

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A few examples:

~ 2128 cm-1

AC/NiMo > NiMo-AC > NiMo (where “AC/NiMo” and “NiMo-AC” were sample names)

37 %

AC/Mo = 1

50 - 450 °C

Try to avoid the splitting of this kind of mathematical relations in two lines, unless they are larger than a single line.

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[1]. E. Galopin, L. Touahir, J. Niedziołka-Jönsson, R. Boukherroub, A. Gouget-Laemmel, J. Chazalviel, F. Ozanam, S. Szunerits, *Biosens. Bioelectron.* **25**, 1199 (2010).

http://dx.doi.org/10.1016/j.bios.2009.10.012

[2]. L. Gelczuk, M. Dąbrowska-Szata, *Opt. Appl.* **39**, 845 (2009).

http://www.if.pwr.wroc.pl/~optappl/pdf/2009/no4/optappl\_3904p845.pdf

[3]. C. Iliescu, D.P. Poenar, PECVD Amorphous Silicon Carbide (α-SiC) Layers for MEMS Applications. In: *Physics and Technology of Silicon Carbide Devices*, Ed. Y. Hijikata (InTech, 2013) p. 131-134.

http://dx.doi.org/10.5772/51224

[4]. H. Topsoe, B.S. Clausen, F.E. Massoth, *Hydrotreating Catalysis* (vol. 11), *Catal.-Sci. Technol.* (Springer, Berlin, 1996).

http://dx.doi.org/10.1007/978-3-642-61040-0\_1

[5]. K. Tanaka, E. Maruyama, T. Shimada, H. Okamoto, *Amorphous Silicon*, 1st ed. (Wiley, 1999) p. 136-137.

ISBN: 978-0-471-98293-7

http://www.wiley.com/WileyCDA/WileyTitle/productCd-0471982938.html

[6]. C. García-Robles, *Master’s Thesis “Escenario de consumo de energía y emisiones de gases de efecto invernadero del transporte de pasajeros de la Zona Metropolitana de la Ciudad de México”* (UNAM, 2010).

http://www.ptolomeo.unam.mx:8080/jspui/handle/132.248.52.100/3995

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[7]. Mexican Official Standard NOM-042-SEMARNAT-2003 (Secretaría del Medio Ambiente y Recursos Naturales, México, 2005).

http://www.profepa.gob.mx/innovaportal/file/1208/1/nom-042-semarnat-2003.pdf

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[8]. N.K. Keppy, G. Bain, M.W. Allen, *Application Note 51853: Determination of Free Glycerol in Biodiesel with the Evolution Array UV-Visible Spectrophotometer* (Thermo Fisher Scientific, Madison, WI, USA).

http://www.analiticaweb.com.br/newsletter/08/AN51853\_Biodiesel\_UV.pdf

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