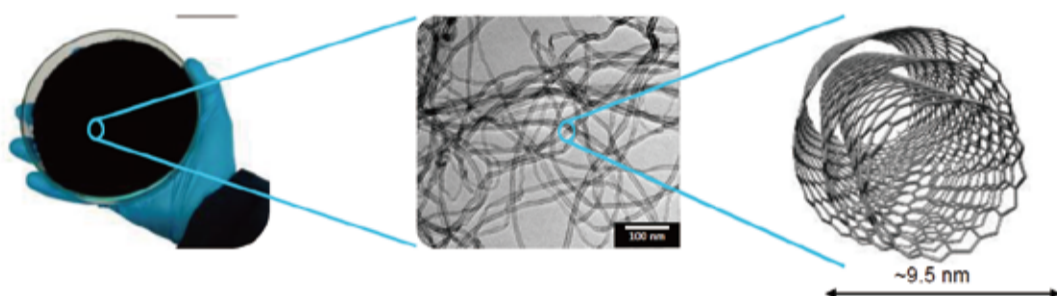
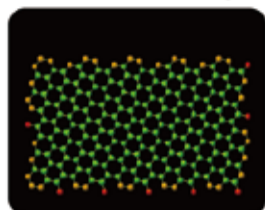


# Nanocyl社 複層カーボンナノチューブ 導電性付与・樹脂物性アップ

## NC7000™ physical properties

Properties	Values	Units
Average Diameter	9.5	nm
Average Length	1.5	μm
C purity	90	wt. %
Surface area	250-300	m <sup>2</sup> /g
Bulk density	70-75	g/L

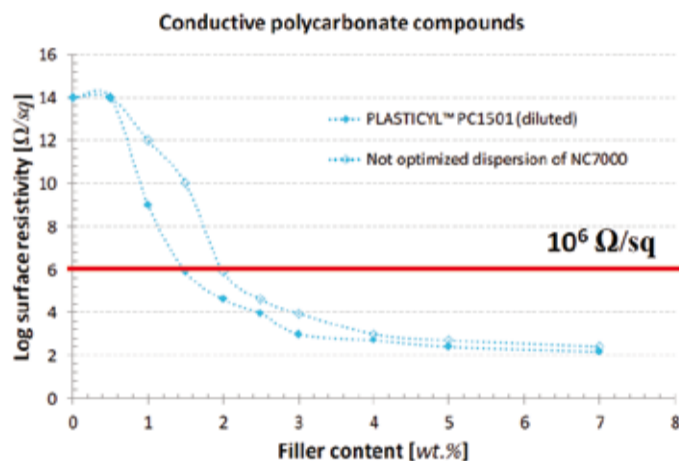
Highly conductive MWCNT powder



各種樹脂MB  
グレード保有  
樹脂・CNT添加量の  
カスタムも可能！

## PLASTICYL™ : expertise of Nanocyl

MB化により  
高分散達成少量添加で  
高導電性を達成可能！

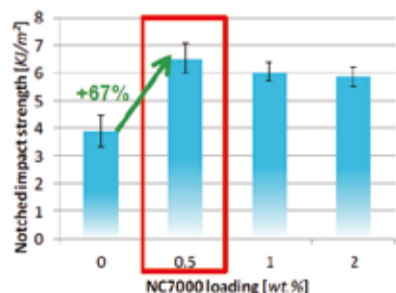


Plasticyl products provide easy to use masterbatches containing CNT already highly dispersed by the expertise of Nanocyl!

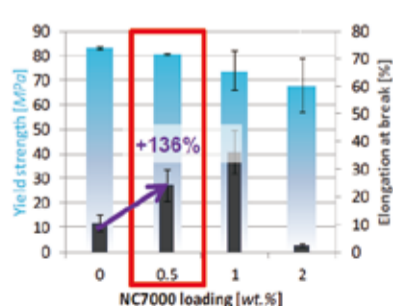
Nanocyl expertise supports your developments

## Mechanical properties reinforcement in thermoplastics at low loading

0.5 wt% of NC7000™ in PA6 increases impact resistance (+67%) compared to neat PA6



0.5 wt% of NC7000™ in PA6 increases elongation at break (+136%) compared to neat PA6



少量添加で  
機械強度向上  
低添加なので  
樹脂性能維持

Low loading NC7000™ in thermoplastics improves mechanical properties (PA6, PC and HDPE)

