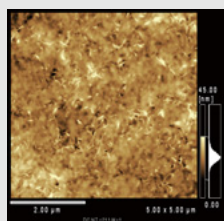


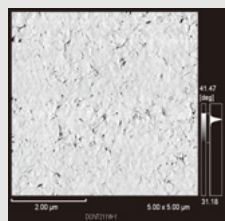
MWNTを分散した透明導電塗料薄膜の分散評価

Evaluation of Transparent Electroconductive Paints Distributed MWNT

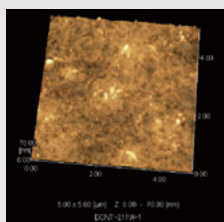
水系塗料 (10nm) Water Type Coating Compound (10nm)
Transmittance : 93.66% Conductivity : $2.8 \times 10^6 \Omega/\square$



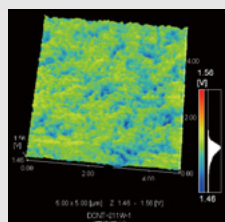
凹凸像 $5\mu\text{m} \times 5\mu\text{m}$
Topographic Image



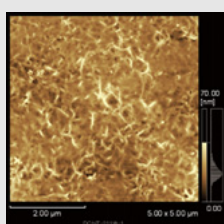
位相像 $5\mu\text{m} \times 5\mu\text{m}$
Phase Image



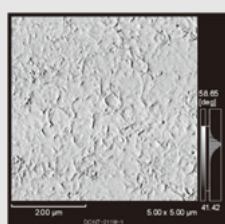
凹凸像 $5\mu\text{m} \times 5\mu\text{m}$
Topographic Image



電位像 $5\mu\text{m} \times 5\mu\text{m}$
Electric Potential Image

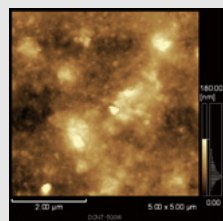


凹凸像 $5\mu\text{m} \times 5\mu\text{m}$
Topographic Image

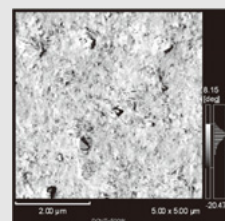


アセトンエッチング後の位相像
Acetone Etched Phase Image

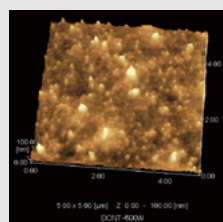
水系塗料 (1~2nm) Water Type Coating Compound (1~2nm)
Transmittance : 96.05% Conductivity : $1.5 \times 10^7 \Omega/\square$



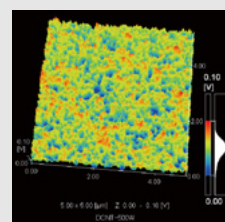
凹凸像 $5\mu\text{m} \times 5\mu\text{m}$
Topographic Image



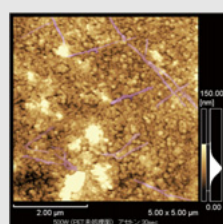
位相像 $5\mu\text{m} \times 5\mu\text{m}$
Phase Image



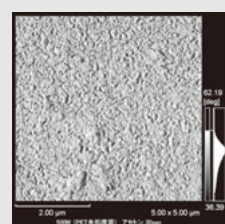
凹凸像 $5\mu\text{m} \times 5\mu\text{m}$
Topographic Image



電位像 $5\mu\text{m} \times 5\mu\text{m}$
Electric Potential Image

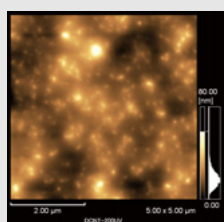


凹凸像 $5\mu\text{m} \times 5\mu\text{m}$
Topographic Image

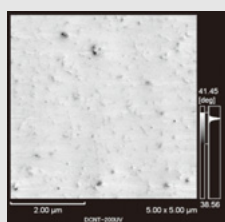


アセトンエッチング後の位相像
Acetone Etched Phase Image

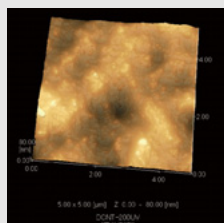
UV系塗料 (10nm) Resin Type Coating Compound (10nm)
Transmittance : 97.97% Conductivity : $5.0 \times 10^7 \Omega/\square$



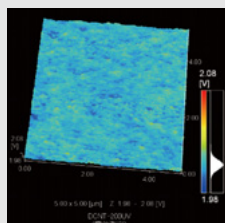
凹凸像 $5\mu\text{m} \times 5\mu\text{m}$
Topographic Image



位相像 $5\mu\text{m} \times 5\mu\text{m}$
Phase Image

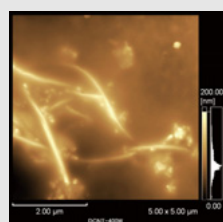


凹凸像 $5\mu\text{m} \times 5\mu\text{m}$
Topographic Image

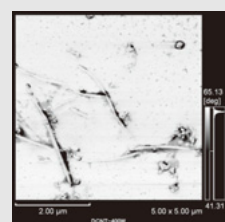


電位像 $5\mu\text{m} \times 5\mu\text{m}$
Electric Potential Image

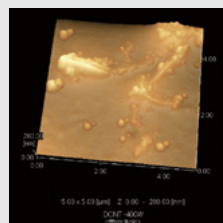
水系塗料 (70nm) Water Type Coating Compound (70nm)
Transmittance : 91.82% Conductivity : $3.5 \times 10^{10} \Omega/\square$



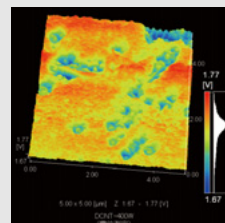
凹凸像 $5\mu\text{m} \times 5\mu\text{m}$
Topographic Image



位相像 $5\mu\text{m} \times 5\mu\text{m}$
Phase Image



凹凸像 $5\mu\text{m} \times 5\mu\text{m}$
Topographic Image



電位像 $5\mu\text{m} \times 5\mu\text{m}$
Electric Potential Image

(基板:PET) Substrates : PET

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Materials supplied by DAIDO CORPORATION