

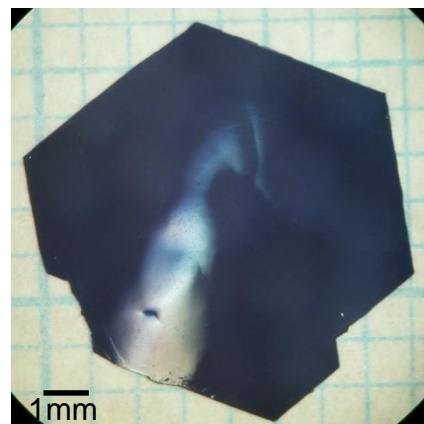
NEW

LiCoO₂

Single Crystal of Cathode Material for Rechargeable Battery

Features

- ✓ Excellent Crystallinity
- ✓ Homogeneous
- ✓ Large Size

LiCoO₂

Applications

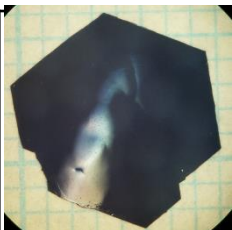
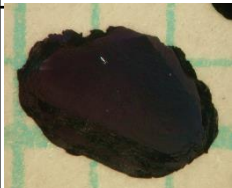
Gadgets



Electric Vehicles



Specification

LiCoO ₂		Diameter (mm)	Thickness (μm)	Configuration	Surface
Foil		≥5	≤50	Indeterminate As-grown Shape	(001) Oriented
Flake		≈2	≈100		

OXIDE**Oxide Corporation**

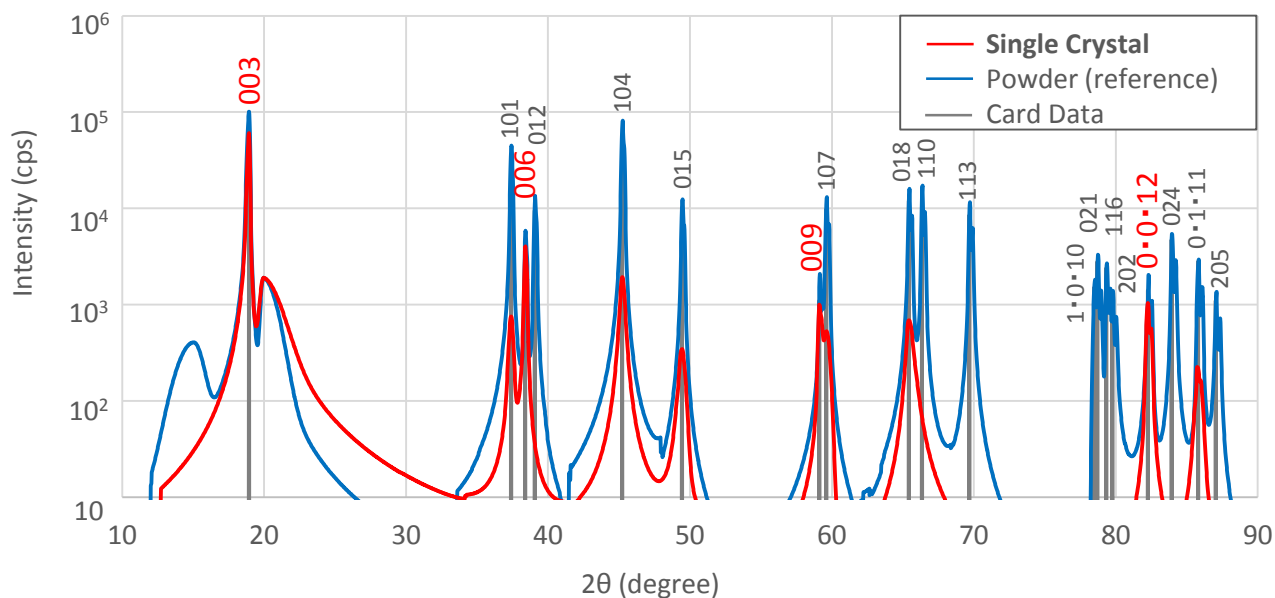
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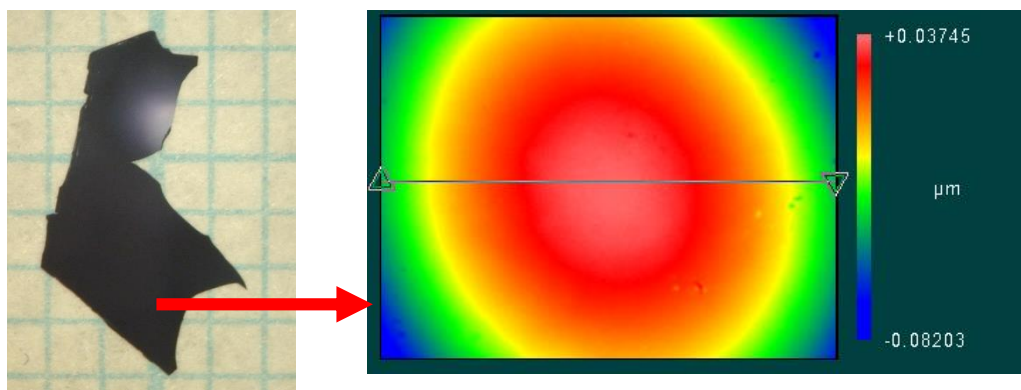
Sales@opt-oxide.com, <http://www.opt-oxide.com>

X-ray diffraction pattern: θ - 2θ scan



Single-phase LiCoO_2 is obtained.
Single crystal is strongly oriented to (001).

Smoothness: Microscopic Diffractometer Image



Area: 190 μm x 140 μm
PV: 119nm
Ra: 20nm