

# CHARLES B. CHRYSTAL CO., INC

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INDUSTRIAL MINERALS SINCE 1897

## Opti-Block Talc 10

This talc is designed for use in films for food, packaging and bag applications such as: food packaging, stretch and shrink films for packaging, grocery and trash bags, and industrial films. This talc has excellent antiblocking efficiency and provides high clarity with low haze. It exhibits low interactions with stabilizers, slip agents, and processing aids. This allows for film formulations with low coefficient of friction, excellent stability and good color. The ease of dispersion makes it suitable for use via direct addition, as a masterbatch or in high active concentrates.

Formulation recommendations: This talc is typically utilized in polyolefin films, but can also be used in PVC films. Depending on the formulation and application requirements, typical levels of antiblock range from 3000-7000 ppm. For optimal performance, we recommend using antiblock talc in combination with slip agents.

### **Typical Applications:**

- Food Packaging

### **Typical Polymer Applications:**

- LDPE - Low-density polyethylene
- LLDPE - Linear low-density polyethylene
- PP Cast – Polypropylene Cast
- BOPP - Biaxially-oriented polypropylene

### **Typical Properties:**

Dry Brightness (Hunter)	90
Product Type	High Clarity
Specific Gravity	2.7
Bulk Density	16 lb/ft <sup>3</sup>
Average (median) particle size	2.50 microns
Top Size	12.0 microns

**PACKING:** 50 lb. paper bags 40 bags/wooden pallet

**ORIGIN:** USA