



Cloud Chemicals

A-328, Sarita, Prabhat Industrial & Residential Complex, Near Toll Naka, W.E.
Highway, Dahisar East, Mumbai- 400068.
Tel: 022-40120947. E-Mail: info@cloudchemicals.com

Decabromodiphenyl Oxide C-201

General Information

Chemical Name: Decabromodiphenyl Oxide

CAS NO.: 1163-19-5

Chemical Formula: C₁₂Br₁₀O

Molecular Weight: 959.2

Application:

C-201 is flame retardant additive with high bromine content and provides a cost effective solution to flame retardant formulations in a wide range of applications. It is used in elastomers, wire & cable, textile coatings, business machines and television cabinets formulations. C-201 Flame retardant is particularly effective in polyolefins, styrenic, polyamide, HIPS, and Polyester resins.

Technical Data Sheet:

| Item | Specification | Analysis Result |
|-------------------------|---------------|-----------------|
| Appearance | White powder | White powder |
| Whiteness degree (ISO) | 93 min | 94.2 |
| Free bromide mg/kg | 20 max | PASS |
| Volatile content % | 0.10 max | 0.02 |
| Aluminium content mg/kg | 50 max | 10 |
| Iron content mg/kg | 10 max | 2 |
| Melting point °C | 300 min | 305.2 |
| Average particle um | 5 max | 2.9 |
| Organic bromide % | 82 min | 82.12 |

Packing:

C-201 is packed in 25Kgs bag.