# ONYX 300F Speciality Carbon Black

## Product Description

**ONYX 300F** is a high purity, speciality carbon black that is designed for use in plastic moulded articles requiring high tint, color or opacity. ONYX 300F is compliant with United States FDA regulation 21 CFR 178.3297 Colorants for Polymers (indirect food additive). It is a clean grade that is easier to disperse resulting in high quality moulded and extruded parts including food contact applications.

## Product Features

- Morphology providing high jetness and excellent UV protection.
- Low ash and grit enabling good dispersion and excellent filterability.
- Lot-to-lot consistency for easy of processing.
- Low polynuclear aromatic hydrocarbon (PAH) content enabling compliance with U.S. Food & Drug Administration regulation 21 CFR 178.3297
  - Total PAHs not to exceed 0.5 ppm.
  - Benzo(a)pyrene not to exceed 5.0 ppb.

## Applications

- Moulded and extruded plastics parts for food contact applications meeting U.S. food contact requirements* as noted above.
- Moulded and extruded plastics parts for food contact applications in the European Union per Commission Regulation (EU) No. 10/2011 and Council Resolution AP(89) 1.
- Please contact your local Himadri representative for a full list of compliances for food contact applications in your region.

*Note: For use at levels not to exceed 2.5 percent by weight of the polymer in the final article.

## Typical Values

| | ASTM Test Method | Units | Typical Values |
|---|---|---|---|
| **$I_2$ No.** | D-1510 | (g/kg) | 125 |
| **Oil Absorption No. (OAN)** | D-2414 | (cc/100 g) | 105 |
| **Tint (ITRB #3)** | D-3265 | % | 105 |
| **S.R # 325** | D-1514 | ppm | ≤20 |
| **Heating Loss (as packed)** | D-1509 | % | <1 |
| **Ash** | D-1506 | % | 0.2 |

## Packaging

Bag Packaging Options: 25 kg polyethylene lined paper bags.
Bulk Packaging Options: Flexible intermediate bulk containers (FIBC) depending on region.

## Contact Information

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