Manufacturer website: https://www.ineos.com/businesses/ineos-olefins-polymers/

# Eltex® A4009PFN1324

## Product Technical Information

**Eltex® A4009PFN1324** is a non stabilised high density polyethylene flake (powder) manufactured by INEOS O&P Europe using their supported catalyst process. It is a homopolymer with a narrow molecular weight distribution.

## Applications

- Chlorinated HDPE powder
- Carrier for color concentrates, master-batches and wood plastic composites

## Benefits and Features

- High density polyethylene
- Very low gel content
- Well defined powder granulometry

| Properties | | Test Methods | Values | Units |
|---|---|---|---|---|
| **Physical** | | | | |
| Density @ 23°C | | ISO 1183/A | 959 | kg/m³ |
| Melt Flow Rate | 190°C/2.16 kg | ISO 1133 | 0.85 | g/10min |
| Melt Flow Rate | 190°C/5 kg | ISO 1133 | 2.8 | g/10min |
| Apparent dynamic viscosity @ 190°C and 100 s-1 | | | 1700 | Pa.s |
| **Thermal** | | | | |
| Melting Point (DSC) | | ISO 11357-3 | 136 | °C |

- Data should not be used for specification work

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## Regulatory Information

The product and uses described herein may require global product registrations and notifications for chemical inventory listings, or for use in food contact or medical devices. For further information, send an email to psnohreg@ineos.com. Unless specifically indicated, the products mentioned herein are not suitable for applications in the medical or pharmaceutical sector.

## Health and Safety Information

The product described herein may require precautions in handling. The available product health and safety information for this material is contained in the Material Safety Data Sheet (MSDS) that may be obtained from the website www.ineospolyolefins.com. Before using any material, a customer is advised to consult the MSDS for the product under consideration for use.

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