

Eltex® A4009PFN1324

High Density Polyethylene
INEOS Olefins & Polymers Europe

Technical Data

Product Description

Eltex® A4009PFN1324 is a non stabilised high density polyethylene flake (powder) manufactured by INEOS Polyolefins 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

General

Material Status	• Commercial: Active		
Literature ¹	• Technical Datasheet (English)		
Search for UL Yellow Card	• INEOS Olefins & Polymers Europe		
Availability	• Europe		
Features	• Homopolymer	• Low Gel	• Narrow Molecular Weight Distribution
Uses	• Color Concentrates	• Masterbatch	
Forms	• Flakes	• Powder	

Physical	Nominal Value Unit	Test Method
Density	0.959 g/cm³	ISO 1183/A
Melt Mass-Flow Rate (MFR)		ISO 1133
190°C/2.16 kg	0.85 g/10 min	
190°C/5.0 kg	2.8 g/10 min	

Thermal	Nominal Value Unit	Test Method
Melting Temperature	136 °C	ISO 11357-3

Additional Information	Nominal Value Unit
Apparent Viscosity - Dynamic ³ (190°C)	1700000 mPa·s

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.

³ 100 1/sec