



# ELTEX<sup>®</sup> HM5420P

## Product Technical Information

**ELTEX<sup>®</sup> HM5420P** is a non stabilised high density polyethylene flake (powder) manufactured by INEOS. Polyolefins using their supported catalyst process. It is a copolymer with a very high molecular weight with medium molecular weight distribution.

## Benefits & Features

- High density Polyethylene
- Well defined powder granulometry

## Applications

- Powder to be compounded for PE-Xa application

Properties	Conditions	Test Methods	Values	Units
<b>Physical</b>				
Density	23°C	ISO 1183-1	953.5	kg/m <sup>3</sup>
<b>Rheological</b>				
Melt Flow Rate	190°C/21.6 kg	ISO 1133-1	2	g/10min
<b>Thermal</b>				
Melting Temperature	DSC 2nd heating 10°C/min	ISO 11357-3	134	°C
Data should not be used for specification work				



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## Storage

The product should be stored in a dry and dust free environment at temperature below 50°C. Exposure to direct sunlight should be avoided as this may lead to product deterioration. It is advised to process the product within maximum six months after delivery.

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## Regulatory Information

The product and uses described herein may be subject to specific requirements or limitations for use in certain applications like food contact, drinking water or medical devices. Further information may be obtained from the website [www.ineos.com](http://www.ineos.com) where a specific Regulatory Certificate is available for each grade under the heading "SDS & Regulatory Certificate".

Unless specifically indicated, the product mentioned herein is not suitable for applications in the medical or pharmaceutical sectors.

## 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 Safety Data Sheet (SDS) that may be obtained from the website [www.ineos.com](http://www.ineos.com). Before using any material, a customer is advised to consult the SDS for the product under consideration for use.

## Exclusion of Liability

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