ELTEX® MMPE3940/10

High Density Polyethylene – Milk blow moulding resin



ELTEX® MMPE3940/10 is a masterbatch pigmented with carbon black and manufactured from ELTEX® high-density polyethylene base.

It is mainly used for the pigmentation of the middle layer of high density polyethylene co-extruded bottles intended for the packaging of UHT or sterilized milk.

It complies with the main European food regulations governing the packaging of food products on condition however it is used at less than 5 %.

Properties	Conditions	Test Methods	Values	Units
Rheological				
Melt Flow Rate	190°C/10kg	ISO 1133-1	5	g/10min
Physical				
Density ISO 17855-1	23°C	ISO 1183-1	1500	kg/m³
Thermal				
Melting Temperature	DSC 2nd heating 10°C/min	ISO 11357-3	129	°C
Other				
Molecular Weight Distribution		INEOS Test Method	Narrow	
Carbon black content		INEOS Test Method(1)	40	%
Data should not be used for specification work				

(1) Measured using weight before and after pyrolysis

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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 one year after delivery.

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 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. Before using any material, a customer is advised to consult the SDS for the product under consideration for use.

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