

# ELTEX<sup>®</sup> MMPE3940/10

## High Density Polyethylene – Milk blow moulding resin



ELTEX<sup>®</sup> MMPE3940/10 is a masterbatch pigmented with carbon black and manufactured from ELTEX<sup>®</sup> 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
<b>Rheological</b>				
Melt Flow Rate	190°C/10kg	ISO 1133-1	5	g/10min
<b>Physical</b>				
Density ISO 17855-1	23°C	ISO 1183-1	1500	kg/m <sup>3</sup>
<b>Thermal</b>				
Melting Temperature	DSC 2nd heating 10°C/min	ISO 11357-3	129	°C
<b>Other</b>				
Molecular Weight Distribution		INEOS Test Method	Narrow	
Carbon black content		INEOS Test Method <sup>(1)</sup>	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.