



# High Density Polyethylene (HDPE) **BURPOLEN PE 900 HXM**

## Product Description

BURPOLEN PE 900 HXM is unfilled high density polyethylene.

Properties	Unit	Test Method	Value
<b>Physical properties</b>			
Density, (23 °C)	g/cm <sup>3</sup>	ISO 1183	0.95 - 0.98
Melt Flow Rate, (190 °C/21.6 kg)	g/10 min	ISO 1133	10 - 15
Ash Content	%	ISO 3451	0 - 3
<b>Mechanical properties</b>			
Tensile Stress at Yield,(50mm/min) (23°C)	MPa	ISO 527	20 - 30
Tensile Strain at Break,(50mm/min) (23°C)	%	ISO 527	≥ 500
Flexural modulus (2mm/min) (23°C)	MPa	ISO 178	1000 - 1600
Flexural stress (2mm/min) (23°C)	MPa	ISO 178	≥ 28

## Notes

The properties are typical, non-binding mean values found for injection moulded natural test bars. Pigments and other modifications may alter these values.

## Processing Techniques

BURPOLEN PE 900 HXM is easy to process with standard injection moulding machines.

Drying	°C	2hr- 4hr	80 – 90 °C
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## Storage

The BURPOLEN PE 900 HXM in pellet form is packed in bigbag (1000 Kg).