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## Polyethylene HDPE MS201BN-NA

Technical data sheet  
High Density Polyethylene FUEL SYSTEMS

### Description

HDPE MS201BN-NA is an uncoloured high density polyethylene with a high molecular weight design that is particularly suited for the blow moulding of Plastic Fuel Tanks and automotive technical parts.

HDPE MS201BN-NA key characteristics are :

- Excellent ESCR
- Outstanding resistance to fuel ageing
- Excellent impact resistance
- Easy processing
- High melt strength
- Suitability for all common barrier systems

### Characteristics

Property	Method	Unit	Typical value (*)
Density	ISO 1183	g/cm <sup>3</sup>	0,946
Melt Flow Rate (190°C/21.6 kg)	ISO 1133/G	g/10 min	6
ESCR 100% Igepal F50	ASTM D1693	h	>1000
Tensile strength at yield	ISO 527	MPa	24
Elongation at break	ISO 527	%	> 600
Flexural modulus	ISO 178	MPa	1000

(\*) Data not intended for specification purposes

### Processing

It is recommended to process HDPE MS201BN-NA within the temperature range 190-240°C.