

# TOTAL Polyethylene HDPE MS 201 B

High Density Polyethylene  
TOTAL Refining & Chemicals

Message:

HDPE MS 201 B is a black 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 MS 201 B key characteristics are:  
Excellent ESCR  
Outstanding resistance to fuel ageing  
Excellent impact resistance  
Easy processing  
Suitability for all common barrier treatments

General Information			
Features	Fuel Resistant		
	Good Impact Resistance		
	Good Processability		
	High ESCR (Stress Crack Resist.)		
	High Molecular Weight		
Uses	Automotive Applications		
	Blow Molding Applications		
	Tanks		
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	Black		
Forms	Pellets		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.949	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	8.0	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance (F50)	> 1000	hr	ASTM D1693B
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	24.0	MPa	ISO 527-2
Tensile Strain (Break)	> 700	%	ISO 527-2
Flexural Modulus	1100	MPa	ISO 178

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Recommended distributors for this material

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