TOTAL Polyethylene HDPE MS 201 BN-NA (EU)

High Density (HMW) Polyethylene

TOTAL Refining & Chemicals

Message:

TOTAL Polyethylene MS201 BN-NA is a high density (HMW) polyethylene material. This product is available in North America or Asia Pacific.
The main features of the TOTAL Polyethylene MS201 BN-NA are:
Comply with REACH standard
high molecular weight
High resistance to environmental stress fracture (ESCR)
Creep resistance
Impact resistance
Typical application areas include:
Jars
Automotive Industry

General Information			
Features	High ESCR (Stress Cracking Resistance) High molecular weight Impact resistance, good Good creep resistance Good melt strength		
Uses	Application in Automobile Field Fuel Tank		
Agency Ratings	EC 1907/2006 (REACH)		
Forms	Particle		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.946	g/cm^3	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	6.0	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance (100% Igepal, F50)	> 1000	hr	ASTM D1693B
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield)	24.0	MPa	ISO 527-2/50
Tensile Strain (Break)	600	%	ISO 527-2/50
Bending modulus-0.4% secant	1100	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (3.18 mm)	640	J/m	ASTM D256A
Thermal	**Nominal Value**	**Unit**	**Test Method**
Peak Melting Temperature	127	°C	ASTM D3418
Additional Information			

Blow Molding Typical Melt Temperature: 370 to 450°FStrain at Break, ISO 527: >600%

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China