



产品说明

TOTAL Polyethylene
HDPE MS 201 BN-NA (EU)

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

TOTAL Polyethylene
TPSeal® M 3671

TPSeal® M 3671 is based on a new generation metallocene Polyethylene with hexene as comonomer.

TPSeal® M 3671 is a natural Specialty Compound, provided under a powder form.
It is suitable for use in Rotational Moulding.
It is also available under a black colour (TPSeal® M 3670).

Main Characteristics

Suitable for monolayer and multi-layer :

- Efficient binding with fuel barrier product such as Polyamide
- Excellent foaming properties

Application

Fuel tank production, with very low permeability. Structural parts. Water sports application.

TOTAL Polyethylene
TPSeal® M 3670

TPSeal® M 3670 is based on a new generation metallocene Polyethylene with hexene as comonomer.

TPSeal® M 3670 is a black Specialty Compound, provided under a powder form.
It is suitable for use in Rotational Moulding.
It is also available under a natural colour (TPSeal® M 3671).

Main Characteristics

Suitable for monolayer and multi-layer :

- Efficient binding with fuel barrier product such as Polyamide
- Excellent foaming properties

Application

Fuel tank production, with very low permeability. Structural parts. Water sports application.



TOTAL Polyethylene HDPE MS 201 BN	<p>HDPE MS 201 BN is a natural 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.</p> <p>HDPE MS 201 BN key characteristics are:</p> <ul style="list-style-type: none"> • Excellent ESCR • Outstanding resistance to fuel ageing • Excellent impact resistance • Easy processing • Suitability for all common barrier treatments
TOTAL Polyethylene HDPE MS 201 B	<p>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.</p> <p>HDPE MS 201 B key characteristics are:</p> <ul style="list-style-type: none"> • Excellent ESCR • Outstanding resistance to fuel ageing • Excellent impact resistance • Easy processing • Suitability for all common barrier treatments

总体	TOTAL Polyethylene HDPE MS 201 BN-NA (EU)	TOTAL Polyethylene TPSeal® M 3671	TOTAL Polyethylene TPSeal® M 3670	TOTAL Polyethylene HDPE MS 201 BN	TOTAL Polyethylene HDPE MS 201 B
生产商/供应商	• TOTAL Refining & Chemicals	• TOTAL Refining & Chemicals	• TOTAL Refining & Chemicals	• TOTAL Refining & Chemicals	• TOTAL Refining & Chemicals
通用符号	• HDPE , HMW	• mPE	• mPE	• HDPE	• HDPE
材料状态	• 已商用：当前有效	• 已商用：当前有效	• 已商用：当前有效	• 已商用：当前有效	• 已商用：当前有效
资料 ¹	• Technical Datasheet (English)	• Technical Datasheet (English)	• Technical Datasheet (English)	• Technical Datasheet (English)	• Technical Datasheet (English)
搜索 UL 黄卡	• TOTAL Refining & Chemicals	• TOTAL Refining & Chemicals	• TOTAL Refining & Chemicals	• TOTAL Refining & Chemicals	• TOTAL Refining & Chemicals
供货地区	• 欧洲 • 亚太地区	• 欧洲	• 欧洲	• 欧洲	• 欧洲
特性	<ul style="list-style-type: none"> • 高 ESCR (抗应力开裂) • 高分子量 • 高密度 • 抗撞击性, 良好 • 可加工性, 良好 • 良好的熔体强度 • 耐燃油性 	<ul style="list-style-type: none"> • 己烯共聚单体 • 可发泡性能 	<ul style="list-style-type: none"> • 己烯共聚单体 • 可发泡性能 	<ul style="list-style-type: none"> • 高 ESCR (抗应力开裂) • 高分子量 • 高密度 • 抗撞击性, 良好 • 可加工性, 良好 • 耐燃油性 	<ul style="list-style-type: none"> • 高 ESCR (抗应力开裂) • 高分子量 • 高密度 • 抗撞击性, 良好 • 可加工性, 良好 • 耐燃油性
用途	<ul style="list-style-type: none"> • 汽车领域的应用 • 油箱 	<ul style="list-style-type: none"> • 构件 • 体育器材, 水上 • 油箱 	<ul style="list-style-type: none"> • 构件 • 体育器材, 水上 • 油箱 	<ul style="list-style-type: none"> • 汽车领域的应用 • 油箱 	<ul style="list-style-type: none"> • 汽车领域的应用 • 油箱
机构评级	• EC 1907/2006 (REACH)				



总体	TOTAL Polyethylene HDPE MS 201 BN-NA (EU)	TOTAL Polyethylene TPSeal® M 3671	TOTAL Polyethylene TPSeal® M 3670	TOTAL Polyethylene HDPE MS 201 BN	TOTAL Polyethylene HDPE MS 201 B		
RoHS 合规性	• RoHS 合规	• RoHS 合规	• RoHS 合规	• RoHS 合规	• RoHS 合规		• RoHS 合规
外观	--	• 自然色	• 黑色	• 自然色	• 自然色		• 黑色
形式	• 粒子	• 粉状	• 粉状	• 粒子	• 粒子		• 粒子
加工方法	• 吹塑成型	• 滚塑成型	• 滚塑成型	• 吹塑成型	• 吹塑成型		• 吹塑成型
物理性能	TOTAL Polyethylene HDPE MS 201 BN-NA (EU)	TOTAL Polyethylene TPSeal® M 3671	TOTAL Polyethylene TPSeal® M 3670	TOTAL Polyethylene HDPE MS 201 BN	TOTAL Polyethylene HDPE MS 201 B	单位制	测试方法
密度	0.946	0.941	0.941	0.949	0.949	g/cm³	ISO 1183
熔速率 (熔体流动速率)							ISO 1133
190°C/2.16 kg	--	3.5	3.5	--	--	g/10 min	
190°C/21.6 kg	6.0	--	--	8.0	8.0	g/10 min	
抗环境应力开裂							ASTM D1693B
F50	--	--	--	> 1000	> 1000	hr	
100% Igepal, F50	> 1000	--	--	--	--	hr	
机械性能	TOTAL Polyethylene HDPE MS 201 BN-NA (EU)	TOTAL Polyethylene TPSeal® M 3671	TOTAL Polyethylene TPSeal® M 3670	TOTAL Polyethylene HDPE MS 201 BN	TOTAL Polyethylene HDPE MS 201 B	单位制	测试方法
拉伸应力 (屈服)	24.0	--	--	24.0	24.0	MPa	ISO 527-2
拉伸应变 (断裂)	> 600	--	--	> 700	> 700	%	ISO 527-2
弯曲模量	1000	--	--	1100	1100	MPa	ISO 178
热性能	TOTAL Polyethylene HDPE MS 201 BN-NA (EU)	TOTAL Polyethylene TPSeal® M 3671	TOTAL Polyethylene TPSeal® M 3670	TOTAL Polyethylene HDPE MS 201 BN	TOTAL Polyethylene HDPE MS 201 B	单位制	测试方法
熔融温度	--	126	126	--	--	°C	ISO 11357-3
补充信息	TOTAL Polyethylene HDPE MS 201 BN-NA (EU)	TOTAL Polyethylene TPSeal® M 3671	TOTAL Polyethylene TPSeal® M 3670	TOTAL Polyethylene HDPE MS 201 BN	TOTAL Polyethylene HDPE MS 201 B	单位制	
吹气模制温度	190 到 240	--	--	190 到 240	190 到 240	°C	

备注

¹ 通过这些链接您能够访问供应商资料。我们尽量保证及时更新资料；不过您可以从供应商处了解最新资料。

² 一般属性：这些不能被视为规格。



购买地点

供应商	
TOTAL Polyethylene HDPE MS 201 BN-NA (EU)	TOTAL Refining & Chemicals Houston, TX USA 电话: 713-483-5000 Web: http://www.totalrefiningchemicals.com/
TOTAL Polyethylene TPSeal® M 3671	TOTAL Refining & Chemicals Houston, TX USA 电话: 713-483-5000 Web: http://www.totalrefiningchemicals.com/
TOTAL Polyethylene TPSeal® M 3670	TOTAL Refining & Chemicals Houston, TX USA 电话: 713-483-5000 Web: http://www.totalrefiningchemicals.com/
TOTAL Polyethylene HDPE MS 201 BN	TOTAL Refining & Chemicals Houston, TX USA 电话: 713-483-5000 Web: http://www.totalrefiningchemicals.com/
TOTAL Polyethylene HDPE MS 201 B	TOTAL Refining & Chemicals Houston, TX USA 电话: 713-483-5000 Web: http://www.totalrefiningchemicals.com/
分销商	
TOTAL Polyethylene HDPE MS 201 BN-NA (EU)	Plastribution 电话: +44-845-345-4560 Web: http://www.plastribution.co.uk/ 供货地区: United Kingdom
	TER HELL PLASTIC GMBH TER HELL PLASTIC is a Pan European distribution company. Contact TER HELL PLASTIC for availability of individual products by country. 电话: +49-232-3941-0 Web: http://www.terhell.de/ 供货地区: France, Germany, Poland, Spain
TOTAL Polyethylene TPSeal® M 3671	Plastribution 电话: +44-845-345-4560 Web: http://www.plastribution.co.uk/ 供货地区: United Kingdom
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TOTAL Polyethylene TPSeal® M 3670	Plastribution 电话: +44-845-345-4560 Web: http://www.plastribution.co.uk/ 供货地区: United Kingdom



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