

Lupolen 4261 A SW63200

High Density (HMW) Polyethylene
LyondellBasell Industries

Technical Data

Product Description

Lupolen 4261 A SW 63200 is a black masterbatch based on high molecular weight high density polyethylene (HDPE). Typical customer applications include its use for automotive fuel tank applications. It is supplied in pellets and is stabilized with antioxidants and a UV-stabiliser. Typical production processes include blow molding, injection molding and thermoforming.

Lupolen 4261 A SW 63200 is not intended for use in medical and pharmaceutical applications. The product can not be used for food contact applications.

General

Material Status	• Commercial: Active		
Literature ¹	• Processing - Mold Shrink (English)		
	• Processing - PE Films (English)		
	• Processing - Polyolefin Injection Molding Guide (English)		
	• Technical Datasheet (English)		
Search for UL Yellow Card	• LyondellBasell Industries • Lupolen		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Additive	• Antioxidant	• Carbon Black (20%)	• UV Stabilizer (4%)
Features	• Antioxidant	• Good UV Resistance	• High Molecular Weight
Uses	• Fuel Tanks	• Masterbatch	
Appearance	• Black		
Forms	• Pellets		
Processing Method	• Extrusion Blow Molding	• Injection Molding	• Thermoforming

Physical	Nominal Value Unit	Test Method
Density	1.05 g/cm³	ISO 1183
Apparent Density	0.55 g/cm³	ISO 60
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	4.0 g/10 min	ISO 1133
Carbon Black Content	20 %	ISO 6964

Additional Information	Nominal Value Unit	Test Method
UV Stabilizer	3.5 %	DIN 51451

Injection	Nominal Value Unit
Processing (Melt) Temp	180 to 240 °C

Extrusion	Nominal Value Unit
Melt Temperature	180 to 240 °C

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.