

Technical Data Sheet

Lupolen 4261A SW 63200

High Density Polyethylene



Product Description

Lupolen 4261A SW 63200 is a black masterbatch based on high molecular weight high density polyethylene. 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 4261A SW 63200 is not intended for use in medical and pharmaceutical applications. The product can not be used for food contact applications.

Application	Fuel Tanks; Non-fuel Reservoirs
Market	Automotive
Processing Method	Extrusion Blow Molding; Injection Molding; Thermoforming
Attribute	Antioxidant; High ESCR (Environmental Stress Cracking Resistance); High Impact Resistance

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (190 °C/21.6 kg)	4	g/10 min	ISO 1133-1
Note: Product is hygroscopic. MFR to be measured in dry state.			
Density	1.05	g/cm ³	ISO 1183-1
Bulk Density	0.550	g/cm ³	ISO 60
Additive			
Carbon Black Content	20	%	ISO 6964
Light Stabilizer	3.5	%	DIN 51451
Processing Parameters			
Melt Temperature	180 - 240	°C	

Notes

These are typical property values not to be construed as specification limits.

