Marlex® 4206 B Polyethylene

HIGH DENSITY POLYETHYLENE (HDPE)

Description

- HDPE 4206 B is a black high density polyethylene particularly suited for cable sheathing applications and designed to meet the requirements for telecommunication and power cables (medium and high voltage).
- HDPE 4206 B key characteristics are
- A superior resistance to crack formation and growth
- A high surface hardness and excellent abrasion resistance.
- An optimised formulation of additives and finely dispersed carbon black providing outstanding long-term stability in service
- Low dielectric constant
- Easy processing.

Nominal Physical Properties	SI	Method
Density	0.955 g/cm^3	ISO 1183
Melt Flow Rate (190°C/2.16	0.5 g/10 min	ISO 1133/D
Melt Flow Rate (190°C/5 kg	2.0 g/10 min	ISO 1133/T
ESCR F50	> 1000 h	ASTM D 1693 (b)
Thermal stability OIT 200°C	> 20 min	ISO 11357-6
Shore D Hardness	63	DIN 53505
Processing Properties	**Original Value**	
Processing Temperature	180 - 240 °C	

Handling and storage

Please refer to the safety data sheet (SDS) for handling and storage information. It is advisable to convert the product within one year after delivery provided storage conditions are used as given in the SDS of our product.

Note: Above data is based on information provided by Licensor and it is not to be construed as specification.