

Marlex[®] 55060

Polyethylene

HIGH DENSITY POLYETHYLENE (HDPE)

Description

HDPE 55060 is a semi high molecular weight (SHMW) high density polyethylene (HDPE) with outstanding Environmental Stress Cracking Resistance (ESCR) and rigidity. It has been specifically designed for the manufacture of blow moulded articles (open top drums and jerry-cans) dedicated for the transportation of dangerous goods. This product is also suitable for food contact application.

HDPE 55060 is a pellet grade and contains antioxidants.

| Nominal Physical Properties | SI (*) | Method |
|---------------------------------------|-------------------------|------------|
| Density | 0.955 g/cm ³ | ISO 1183 |
| Melt Flow Rate (190°C/21.6 kg) | 5 g/10 min | ISO 1133/G |
| FNCT | 60 h | ISO 16770 |
| Notched Charpy Impact Resistance 30°C | kJ/m ² | ISO 179-1 |
| Processing Properties | Original Value | |
| Processing Temperature | 180 - 220 °C | |

(*) Data not intended for specification purposes

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.