

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.

Characteristics

Property	Method	Unit	Typical value (*)
Density	ISO 1183	g/cm ³	0.955
Melt Flow Rate (190°C/21.6 kg)	ISO 1133/G	g/10 min	6
FNCT	ISO 16770	h	60
Notched Charpy Impact Resistance –30°C	ISO 179-1	kJ/m ²	30

(*) Data not intended for specification purposes

Processing

It is recommended to process HDPE 55060 within the temperature range 180-220°C.