

## Description

HDPE 49080 UV is a semi high molecular weight (SHMW) high density polyethylene (HDPE) with high resistance to impact and excellent Environmental Stress Crack Resistance (ESCR). It has been specifically designed for the blow moulding of intermediate bulk containers (IBC) and heating oil tanks (HOT).

HDPE 49080 UV is a pellet grade and contains antioxidant and anti-UV additives.

## Characteristics

Property	Method	Unit	Typical value (*)
Density	ISO 1183	g/cm <sup>3</sup>	0.949
Melt Flow Rate (190°C/21.6 kg)	ISO 1133/G	g/10 min	7
FNCT	ISO 16770	h	30
Notched Charpy Impact Resistance –30°C	ISO 179-1	kJ/m <sup>2</sup>	16

(\*) Data not intended for specification purposes

## Processing

It is recommended to process HDPE 49080 UV within the temperature range 180-220°C.