

## Description

MDPE 3802 is a medium density polyethylene with good resistance to impact and excellent Environmental Stress Crack Resistance (ESCR). It has been specifically designed for the blow moulding of flexible containers. It is particularly appropriate for the production of metal drum liners.

MDPE 3802 is a pellet grade and contains antioxidants.

## Characteristics

Property	Method	Unit	Typical value (*)
Density	ISO 1183	g/cm <sup>3</sup>	0.938
Melt Flow Rate (190°C/21.6 kg)	ISO 1133/G	g/10 min	20
ESCR Antarox 100%	ASTM D 1693/B	h	F <sub>50</sub> > 500
Notched Charpy Impact Resistance -30°C	ISO 179-1	kJ/m <sup>2</sup>	8

(\*) Data not intended for specification purposes

## Processing

It is recommended to process MDPE 3802 within the temperature range 180-220°C.