



Technical Data Sheet

HDPE-100 Recycled A

Description:

This high-density polyethylene compound is designed based on recycled HDPE extruded pipes and high-quality additives and carbon black pigment are used along with it, which are well dispersed in the hdpe matrices and have mechanical and thermal properties close to the virgin type of this compound. It is suitable for pressure pipes systems and provides the expected properties.

Physical Properties:

PROPERTY	STANDARD	UNIT	VALUE
Density at 23°C	ISO 1183	g/cm ³	0.95 – 0.96
MFI (190°C/5 Kg)	ISO 1133	g/10 min	0.35 (±8%)
OIT (200°C)	EN 728	Min	>25
Tensile stress at yield	ISO 527	Mpa	22 - 24
Carbon black content	ISO 6964	Wt %	Average: 2.25 (±0.25)

Applications:

Pressure pipes systems.drinking water & gas pipes.discharge pipes.sewer pipes.fittings.

Storage:

Store at room temperature in a dry, clean and well-ventilated environment and away from sources of ignition.

Handling:

Use appropriate machinery for moving, Do not use hook.

Packing:

25 kg bags - jumbo bags - suitable for export and tailored to your needs.