

HDPE BLOW MOULDING

HD 5502 GA

HD 5502 GA* is a medium molecular weight copolymer grade with a broad molecular weight distribution, which offers an optimum balance of properties for use in a wide range of blow moulded applications.

HD 5502 GA has the following characteristics:

- Easy processing.
- Good rigidity.
- High environmental stress-cracking resistance.
- Medium impact strength.



Applications

- Blow moulded containers up to 30 litres for packaging chemicals.
- Household products.
- Ducting pipe.
- Drainage pipe.
- Non pressure pipe.

Typical Properties

Property/Grade	Test Method	Unit of measurement	Value
Melt flow rate (2.16 Kg)	ISO 1133	g/10 min	0.2
Density	ISO 1872/1	Kg/m ³	955
Tensile strength at yield	BP 13B/1	MPa	25
Elongation at break	BP 13B/1	%	1000
Flexural Modulus	ISO 178-1975	MPa	1000
Impact Resistance, F 50	BP 13B/11	m	3.3
•BSCR, 50° C	BP 13C/25	hours	25

• BSCR: Bottle stress cracking resistance.

* GA: Gas phase process.