

Material Description

PE HD BLACK PIPE is an High density Polyethylene, obtained from recovery of industrial scraps coming from pipes industries. This product has high thermal stability, resistance to corrosion and it provides excellent stress crack resistance properties combined with very good long term hydrostatic strength. It's suitable for pipe production.

Material Properties and Test Requirements

TYPICAL PHYSICAL VALUES

Proprietà fisiche	U. M.	Valore	Metodo
Melt Flow Index (190°C - 5 kg)	g/10'	0.5	ISO 1133
Density (23°C)	g/cm ³	0.95	ISO 1183
Moisture (loss in weight)	%	0.05	ASTM D6980
Proprietà meccaniche			
Flexural Modulus (2mm/min)	MPa	900	ISO 178
Proprietà termiche			
Vicat 50N	°C	74	ISO 306

Working condition

Melting Temperature: 200 - 280 °C
 Injection speed : medium-high
 Minimum time of drying : about 3 hours at 100 °C

Packaging and storage

Granules are packaged in big bags of 1200 kg or can be shipped in bulk.
 Material must be stored in dry rooms, at ambient temperature and protected from the direct sunlight.

The dates referred above are indicatives and have not to be considered as product specifications. Because the condition in which our information and our product will be used are not predictable, our society do not guarantee the applicability and fitness of product for the use that will be done; so we decline for any responsibility for damage at the client or third parties.

Revision	Date	Written by	QA Approval
C	23/07/14	Serena D'Addio	Giuseppe Magliulo

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