

PRODUCTSHEET



TehnoWorld PE100

Details:

Article number:	20031111012
Description:	PE100 buis 110x10mm L=12m1 EN12201 SDR11
Branding:	TehnoWorld
Diameter:	110mm
Weight (gr/m):	3180
Material:	PE100
Color:	Black
Approval:	EN 12201-2:2013

Classification:

Classification:	SDR11
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Features	Methodes	UM	Values
Melt flow index (MFR)(5kg/190°C)	ISO 1133	g/10min	0,25
Density	ISO 1183	g/cm3	0,955-0,965
Tensile yield strength (23°C)	ISO 6259	MPa	25
Elastic modulus (23°C)	ISO 527	MPa	1100
Elongation at break (23°C)	ISO 6259	%	>600
Oxidation induction time (210°C)	ISO 11357	min	>20
Carbon black content	ISO 6964	%	>2-2.5
Carbon black dispersion	ISO 18553	Grade	2
Hydrostatic strength at 200C	ISO 1167	12Mpa	>100h
Coefficient of linear thermal expansion (20°C)		Mm/m.C	0,15

Dimensions:

Diameter ID:	90mm
Diameter OD:	110mm
Length:	12m

Packaging:

Package (units):	15 pcs
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Marking

Marking is done meter by meter in full accordance with EN 12201 requirements.

The marking is made through thermal ribbon and is permanent and legible without magnification. The colour of marking is white, in total contrast to the colour of the pipe. The marking is fully resistant to weathering, handling and installation interference under normal conditions.