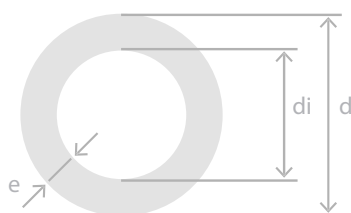


PE-100 SANITATION PIPES SDR26-PN6

REGULATIONS

UNE EN 12201	Plastics piping systems for water supply, and for drainage and sewerage under pressure - Polyethylene (PE)
RP 001.01	Polyethylene (PE) pipes for water supply and pressurized sewerage systems
CTE	Spanish Technical Building Code



CERTIFICATES

AENOR Plastic pipes

GENERAL FEATURES

Structure	MONOLAYER
Material	PE-100 REPOLEN
Color	Black with blue lines



TECHNICAL FEATURES

PE-100 MATERIAL

Density	959-965 kg/m ³
MFI (190°, 5Kg)	0.22-0.32 g/10min
Pigment Dispersion	≤3.0 mg/kg
Carbon Black Content	2.1-2.5 mg/kg
Impact resistance Charpy method notched at 23°C	>179 kJ/m ²
Tensile strength at break	38 Mpa
Elongation at break	>600%
Modulus of elasticity	1000 MPa
VICAT (Softening temperature) 9.8N	128°C
Thermal conductivity coefficient (λ)	0.37w/m ² k
T.I.O (210°C)	≥0.20 min
HDT Heat deflection temperature at 0.45MPa	70°C

PRODUCT

Structure	MONOLAYER HDPE
Color	Black with 4 blue lines
Ultraviolet protection	Yes
Longitudinal shrinkage	≤3%
Elongation at break	≥350%
MFI (190°, 5Kg)	±20% with respect to the compound
Opacity	Yes
Internal pressure resistance	
20° 100h	12.4MPa No failures
80° 165h	5.4MPa No failures
80° 1000h	5MPa No failures
Linear thermal expansion coefficient (α)	0.220 mm/m°C
Roughness (k)	0.003 mm



SDR26-PN6

CODE	NOMINAL DIAMETER (mm) d	INT. DIAMETER (mm) di	THICKNESS (mm) e	WEIGHT (kg/m)	CAPACITY (l/m)
108511006	110	101,6	4,2	1,33	8,107
108512506	125	115,4	4,8	1,72	11,010
108516006	160	147,6	6,2	2,85	17,110
108518006	180	166,2	6,9	3,57	21,694
108520006	200	184,6	7,7	4,42	26,763
108522506	225	207,8	8,6	5,56	33,913
108525006	250	230,8	9,6	6,9	41,836
108528006	280	258,6	10,7	8,61	48,538
108531506	315	290,8	12,1	10,95	66,415
108535506	355	327,8	13,6	13,87	84,391
108540006	400	369,4	15,3	17,59	107,169