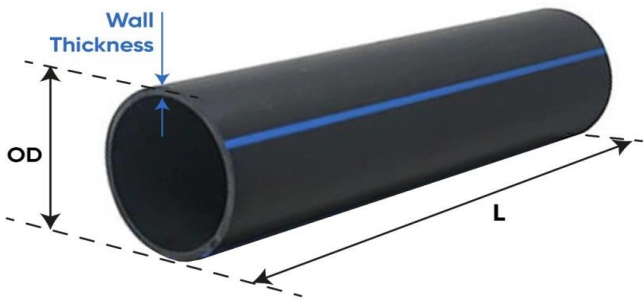


Pipe Definition:	Ø 75 PN 20 SDR 9		
	PE100 Solid Pipe		
Out Diameter (Ø-mm):	75	/ 75,5	
Wall Thickness (mm):	8,4	/ 9,4	
Pipe Length:	Max 50-100m Coil		
Product Standards:	EN 12201-2 ISO 4427-2		
Tests	Test Standard	Unit	Applicable Limits
Appearance	EN 12201-2 Clause 5.1 ISO 4427-2 Clause 6.1	-	When viewed without magnificationthe internal and external surfaces of pipes shall be smooth and clean and shall have no scoring, cavities, and other surface defects to an extent that would prevent conformityto this standard.
Colour	EN 12201-2 Clause 5.2 ISO 4427-2 Clause 6.2	-	Pipes intended for the conveyance of water for human consumption shall be black or blue. In addition, black pipes may be identified by blue stripes, according to national preference.
Dimensional Measurements	EN ISO 3126	mm	Outer Diameter : Between 75 and 75,5
			Wall Thickness : Between 8,4 and 9,4
		%	Ovality : Maximum 1,6
Longitudinal Reversion*	EN ISO 2505	%	≤ 3 % The original appearance of the pipe shall not be impaired. * Applicable for Pipes with wall thickness ≤ 16 mm
% Elongation at Break	EN ISO 6259- 1	%	≥ 350
Density	EN ISO 1183-1	g/cm3	≥ 0,930
Hydrostatic Pressure Strength (20°C, 100h or 80°C, 165h)	EN ISO 1167-1 EN ISO 1167-2	Hour	No failure during test period of any test pieces
Melt Mass-Flow Rate (MFR) (190°C, 5Kg)	EN ISO 1133-1	g / 10min %	Between 0,20 and 1,40 The deviation from the raw material MFR value should be less than 20%
Oxidation Induction Time	ISO 11357-6	minute	≥ 20
Carbon Black Content (only for black compound)	ISO 6964	%	2,0 -2,5
The Degree of Pigment or Carbon Black Dispersion	ISO 18553	Grading Apperance	Average ≤ 3 A1, A2, A3, B
Volatile Content	EN 12099	mg/kg	≤ 350

3.01.2023