

# P901BL

## High Density Polyethylene (HDPE)

### Description:

P901BL is blue HDPE pipe compound produced by an advanced bimodal Hostalen process. It contains a combination of additives, stabilizers and well dispersed pigment to ensure excellent properties; high thermal stability, good chemical resistance, good processability. P901BL is designed for water pipe application and can be used for co-extrusion of blue stripes.

Physical Properties:	Method	Unit	Value
Melt Flow Rate (190°C, 5kg)	ISO 1133	g/10min	0.25
Density	ISO 1183	g/cm <sup>3</sup>	0.950
Tensile Strength at Yield	ISO 527	MPa	23
Tensile Strength at Break	ISO 527	MPa	33
Elongation at Break	ISO 527	%	≥ 700
Pigment Dispersion	ISO 18553	grade	< 3
Oxidation Induction Time at 210 °C	ISO 11357	Min	> 50
MRS Classification	ISO 9080	MPa	10
Resistance to Slow Crack Growth	ISO 13479	Hour	> 500
Rapid Crack Propagation	ISO 13477	Bar	≥ 10

### Processing Technique

#### Processing Temperature: 180-220 °C

The actual processing conditions depend on size, machine and any related processing aspect.

**Remark:** The values presented on the above are typical laboratory average, not to be construed as specifications and may vary within moderate ranges. The applicability or the accuracy of this information or the suitability of our products cannot be guaranteed because the conditions of use on the part or our uses are beyond our control.