



# VISCOM-EH2428 ®

## High Density Polyethylene Compound



### DESCRIPTION

VISCOM-EH2428® is a polyethylene compound based on **HDPE pipe grade** which is formulated to be used in the production of pipe and fittings. EH2428 has excellent creep resistance, good heat aging resistance, satisfactory UV resistance, good wear resistance beyond high environmental stress cracking resistance (ESCR).

### CHARACTERISTICS

Filler Type: **No Filler**

Form: **Pellets**

Processing Method: **Pipe Extrusion, Injection Molding, Compression Molding, Sheet Extrusion**

Colors :**Black (RAL 9004)**

Property	value	unit	Test Method
MFI (5 kg/190°C)	<b>0.27 ± 0.02</b>	g/10min	ISO 1133
Density	<b>0.957 ± 0.002</b>	g/cm <sup>3</sup>	ISO 1183
Tensile strength at yield	<b>22</b>	MPa	ISO 527-2
Tensile modulus of elasticity	<b>1100</b>	MPa	ISO 527-1, -2
Elongation at break	<b>&gt; 600</b>	%	ISO 527-2
Carbon black content	<b>2.25 ± 0.25</b>	%	ISO 6964
Carbon black dispersion	<b>Grade ≤ 3A1 rating of dispersion</b>	---	ISO 18553
Oxidation induction time (OIT)	<b>≥ 20</b>	min	ISO 11357-6

### APPLICATION

Drainage pipe; Drinking water pipe; Gas pipe; Sheet, Soil & waste pipe

