

## Characteristic

LITEN VL 10 is a linear polyethylene, black copolymer with high resistance to UV radiation, intended for extrusion. It is suitable for manufacture of pipes for non-pressure applications, extrusion of sheets and profiles and for blow moulding of hollow objects. The products exhibit good rigidity, impact strength and excellent resistance to tensoactive substances.

## Typical properties and usage

Property	Unit	Typical value	Testing method
MELT FLOW RATE (190/2,16)	g/10 min	0,07	ISO 1133
MELT FLOW RATE (190/5)	g/10 min	0,42	ISO 1133
MELT FLOW RATE (190/21,6)	g/10 min	11	ISO 1133
DENSITY	kg/m <sup>3</sup>	952	ISO 1183
YIELD STRESS	MPa	20	ISO 527
TENSILE STRAIN AT YIELD	%	7	ISO 527
FLEXURAL MODULUS	MPa	800	ISO 178
CHARPY NOTCHED IMPACT STRENGTH 23°C	kJ/m <sup>2</sup>	13	ISO 179
CHARPY NOTCHED IMPACT STRENGTH -30°C	kJ/m <sup>2</sup>	4	ISO 179
VICAT SOFTENING TEMPERATURE	°C	118	ISO 306
SHORE HARDNESS D	-	57	ISO 868
ESCR F50; 50 °C; 100% DETERGENT	h	-	ASTM D1693
CONTENT OF CARBON BLACK	%	2,4	ISO 6469

### Notice:

Data from table are represent typical values of each property. It is informative data, i.e. doesn't extent of specification of this type.

LITEN VL 10 meets the hygienic requirements on materials and articles intended for contact with foodstuffs according to Regulation (EC) 1935/2004 of the European Parliament and of the Council, as well as according to Commission Regulation (EU) No 10/2011 including changes and additions.