

TECHNICAL DATA SHEET

POLYETHYLENE BRALEN VA 20-60

LDPE FOR INJECTION MOULDING

TIPELIN / TIPOLEN / TIPPLEN / TATREN / BRALEN

The joint product portfolio of TVK and SLOVNAFT provides infinite opportunities

DESCRIPTION

BRALEN VA 20-60 is an injection moulding grade of low density polyethylene, characterized by good flow. This grade is additives free.

APPLICATIONS

BRALEN VA 20-60 is designed for production of household goods and technical items of complicated shapes. It is suitable for toys production. It is not recommended for articles exposed to corrosive media and mechanical stress.

BRALEN VA 20-60 is suitable for food contact. The product complies with Food Contact Regulations. The grade is suitable for manufacturing of pharmaceutical packing-product.

PROPERTIES

	Test method	Unit	Typical value
MFR (190 °C /2.16 kg)	ISO 1133-1	g/10 min	20
Density (23°C) *	ISO 1183-1 method C	kg/m ³	914
Tensile strength *	ISO 527-1,2	MPa	9
Vicat softening temperature *	ISO 306/A 50	°C	80
Shore D hardness *	ISO 868	-	41

Typical properties, not to be used as specification.

* Average mechanical property values of several measurements carried out on standard injection-moulded test specimens prepared in accordance with ISO 1872-2.

PROCESSING

BRALEN VA 20-60 can be used in conventional injection moulding machines. Recommended processing temperatures are 130-150 °C.