

TECHNICAL DATA SHEET

POLYETHYLENE BRALEN FB 2-17

LDPE FOR FILM

TIPELIN / TIPOLEN / TIPPLEN / TATREN / BRALEN

The joint product portfolio of TVK and SLOVNAFT provides infinite opportunities

DESCRIPTION

BRALEN FB 2-17 is a film grade of low density polyethylene. This grade is additives free.

APPLICATIONS

BRALEN FB 2-17 is intended for production of packaging and technical films as well as bubble films. Recommended film thickness is 0.04-0.08 mm. This grade can be used also for production of foamed sheets and profiles.

BRALEN FB 2-17 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	2
Density (23°C) *	ISO 1183-1 method C	kg/m ³	919
Tensile strength (MD/TD) **	ISO 527-1,3	MPa	24/21
Tensile strain at break (MD/TD) **	ISO 527-1,3	%	350/600
Dart drop **	ISO 7765-1 method A	g	110
Haze **	ISO 14 782	%	7
Vicat softening temperature *	ISO 306/A 50	°C	91
Shore D hardness *	ISO 868	-	45

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.

** Properties on film in M.D./T.D. - thickness of 0.07 mm (MFR=0.35g/10min) and 0.04 mm (MFR more than 0,35g/10min), blow up ratio 2.5:1.

PROCESSING

BRALEN FB 2-17 can be used in conventional extrusion machines. Recommended processing temperatures are 150-165 °C.