

HIPTEN 22006

HIPTEN[®] 22006 is low density polyethylene resin developed for production of shrink film and extrusion of flexible pipes.

PROCESSING RECOMMENDATIONS:

Processing temperature: 180-200°C.
Blow-up ratio: 2-3 : 1

PROPERTIES:

PROPERTY	TEST METHOD	UNIT	VALUE
DENSITY	ISO 1183	kg/m ³	922
MELT FLOW RATE (190°C/2,16 kg)	ISO 1133	g/10 min	0,60
VICAT SOFTENING POINT	ISO 306	°C	98
TENSILE STRENGTH AT BREAK	ISO 1184 (film)* ISO 527 (plaque)	MPa	**MD/TD: 24/22 16
TENSILE STRENGTH AT YIELD	ISO 1184 (film)* ISO 527 (plaque)	MPa	MD/TD: -/11 10
ELONGATION	ISO 1184 (film)* ISO 527 (plaque)	%	MD/TD: 350/600 600
HARDNESS	ISO 868	Shore D	46
HAZE	ASTM D 1003	%	7
GLOSS	ASTM D 2457	%	8
DART DROP F50	ASTM D 1709	g	160
TEAR STRENGTH (ELMENDORF)	ASTM D 1922	g	MD/TD: 350/450

*Results obtained at 38 µm film sample, blow-up ratio 2,7: 1

**MD – machine direction; TD – transversal direction

APPLICATION:

Production of shrink film, flexible pipes.

HIPTEN[®] 22006 has Health Certificate issued by the Institute for Health Protection of Serbia.

The values in this review are characteristic and are provided for guidance purposes only.

For any technical information about our products please mail to SOKUP@hip-petrohemija.co.yu

