

HIPLEX® TR-144

(PE-HD)

HIP-Petrohemija

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	0.18	g/10min	ISO 1133
Temperature	190	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	21	MPa	ISO 527
Stress at break	32	MPa	ISO 527
Strain at break	>50	%	ISO 527
Shore D hardness	64	-	ISO 7619-1

Other properties	Value	Unit	Test Standard
Density	947	kg/m ³	ISO 1183

Film Properties	Value	Unit	Test Standard
ISO Data			
Stress at yield, parallel	24	MPa	ISO 527-3
Stress at yield, normal	19	MPa	ISO 527-3
Stress at break, parallel	40	MPa	ISO 527-3
Stress at break, normal	32	MPa	ISO 527-3
Maximum strain, parallel	550	%	ISO 527-3
Maximum strain, normal	690	%	ISO 527-3
Minimum achievable thickness	0.006	mm	-
Type of extrusion	blown	-	-
Thickness of specimen	0.025	mm	-

Characteristics**Processing**

Blown Film Extrusion, Blow Molding

Delivery form

Pellets

Special Characteristics

High impact or impact modified

Features

Barrier Properties, Heat Sealable, Low Gel, Copolymer

Applications

Packaging

Regional Availability

Europe