

**Product Texts**

Lumicene mPE M 4040 is a metallocene based Polyethylene with hexene as comonomer.

**Processing/Physical Characteristics**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	4	g/10min	ISO 1133
Temperature	190	°C	-
Load	2.16	kg	-

**Thermal properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	126	°C	ISO 11357-1/-3

**Optical properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Haze	5.5	-	ISO 14782
<b>ASTM Data</b>			
Gloss	86	-	ASTM D 2457

**Other properties**

	Value	Unit	Test Standard
Density	940	kg/m <sup>3</sup>	ISO 1183

**Film Properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Stress at yield, parallel	14.5	MPa	ISO 527-3
Stress at yield, normal	14.7	MPa	ISO 527-3
Stress at break, parallel	33	MPa	ISO 527-3
Stress at break, normal	26	MPa	ISO 527-3
Maximum strain, parallel	480	%	ISO 527-3
Maximum strain, normal	610	%	ISO 527-3
Dart drop A	30	g	ISO 7765-1
Type of extrusion	cast	-	-
Thickness of specimen	0.02	mm	-

**Processing Recommendation Extrusion**

	Value	Unit	Test Standard
Melt temperature	240 - 280	°C	-

**Characteristics****Processing**

Film Extrusion

**Applications**

Packaging

**Features**

Blending Resin, Good Drawdown, Low Neck-In

**Regional Availability**

Europe

**Chemical Resistance**

Oxidation Resistance