



**IPETHENE<sup>®</sup> Grade Selection Guide**  
**LOW DENSITY POLYETHYLENE**

Grade	MFR (190;2.16)	Density	Additives
	<b>ISO 1133</b> <g/10min>	<b>ISO 1183-A</b> <g/cc>	

**Film Extrusion**

<b>4140</b>	0.12	0.920	-
<b>4203</b>	0.2	0.920	-
<b>100</b>	0.3	0.920	-
<b>101</b>	0.3	0.921	-
<b>111</b>	0.7	0.920	-
<b>113</b>	0.7	0.920	Medium Slip & Anti-Block
<b>213</b>	1	0.920	Medium Slip & Anti-Block
<b>320</b>	2	0.920	-
<b>322</b>	2	0.920	Medium Slip & Anti-Block
<b>323</b>	2	0.920	High Slip & Anti-Block
<b>322</b>	2	0.920	Medium Slip & Anti-Block

**Pipe Extrusion**

<b>4140</b>	0.12	0.920	-
<b>4203</b>	0.2	0.920	-
<b>100</b>	0.3	0.920	-
<b>101</b>	0.3	0.921	-

**Extrusion Coating**

<b>470</b>	4.5	0.917	-
<b>670</b>	7.5	0.917	-

**Blow Molding**

<b>4140</b>	0.12	0.920	-
<b>4203</b>	0.2	0.920	-
<b>100</b>	0.3	0.920	-
<b>101</b>	0.3	0.921	-
<b>111</b>	0.7	0.920	-
<b>320</b>	2	0.920	-
<b>470</b>	4.5	0.917	-

**Injection Molding**

<b>320</b>	2	0.920	-
<b>470</b>	4.5	0.917	-
<b>600</b>	7	0.917	-
<b>670</b>	7.5	0.917	-
<b>810</b>	20	0.918	-
<b>830</b>	20	0.921	-
<b>900</b>	50	0.916	-

**Compounding**

<b>320</b>	2	0.920	-
<b>470</b>	4.5	0.917	-
<b>600</b>	7	0.917	-
<b>670</b>	7.5	0.917	-
<b>810</b>	20	0.918	-
<b>900</b>	50	0.916	-