



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

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

**Film Extrusion**

|             |     |       |                          |
|-------------|-----|-------|--------------------------|
| <b>4203</b> | 0.2 | 0.920 | -                        |
| <b>100</b>  | 0.3 | 0.920 | -                        |
| <b>111</b>  | 0.7 | 0.920 | -                        |
| <b>113</b>  | 0.7 | 0.920 | Medium Slip & Anti-Block |
| <b>210</b>  | 1   | 0.920 | -                        |
| <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   |

**Pipe Extrusion**

|             |     |       |   |
|-------------|-----|-------|---|
| <b>4203</b> | 0.2 | 0.920 | - |
| <b>100</b>  | 0.3 | 0.920 | - |

**Extrusion Coating**

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

**Blow Molding**

|             |     |       |   |
|-------------|-----|-------|---|
| <b>4203</b> | 0.2 | 0.920 | - |
| <b>100</b>  | 0.3 | 0.920 | - |
| <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 | - |

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