[0119]

TABLE 1

| | Amount of alcohol (parts by mass*) | Homopolymerization activity (g-PP/g-cat) | MFR (g/10 min) | XS (wt%) | Fine powder content (wt%) | Coarse powder content (wt%) | SPAN | BD ($g/cm^3$) |
|---|---|---|---|---|---|---|---|---|
| Example 1 | 1.0 | 54,000 | 4.8 | 1.4 | 0.3 | 0.6 | 0.56 | 0.42 |
| Example 2 | 1.0 | 52,800 | 4.5 | 1.1 | 0.3 | 0.5 | 0.51 | 0.40 |
| Example 3 | 1.3 | 54,600 | 5.6 | 1.4 | 0.5 | 0.7 | 0.58 | 0.39 |
| Example 4 | 0.5 | 52,800 | 5.3 | 1.3 | 0.6 | 0.3 | 0.46 | 0.41 |
| Example 5 | 1.0 | 49,100 | 4.0 | 1.4 | 0.4 | 0.7 | 0.59 | 0.40 |
| Example 6 | 1.0 | 48,900 | 17 | 2.0 | 0.1 | 0.2 | 0.44 | 0.40 |
| Example 7 | 1.0 | 50,800 | 12 | 2.8 | 0.1 | 0.3 | 0.47 | 0.40 |
| Example 8 | 1.0 | 55,300 | 6.0 | 1.6 | 0.4 | 0.5 | 0.52 | 0.40 |
| Example 9 | 1.0 | 50,700 | 5.9 | 1.3 | 0.4 | 0.6 | 0.59 | 0.40 |
| Example 10 | 1.0 | 49,500 | 5.5 | 1.4 | 0.5 | 0.6 | 0.61 | 0.39 |
| Example 11 | 1.3 | 53,100 | 6.0 | 1.4 | 0.5 | 0.5 | 0.58 | 0.38 |
| Example 12 | 1.0 | 52,200 | 5.8 | 1.5 | 0.4 | 0.4 | 0.49 | 0.40 |
| Example 13 | 0.7 | 50,600 | 5.8 | 1.3 | 0.4 | 0.4 | 0.52 | 0.41 |
| Comparative Example 1 | 3.0 | 30,800 | 9.7 | 3.1 | Could not be measured | Could not be measured | Could not be measured | 0.31 |
| Comparative Example 2 | 1.6 | 43,400 | 6.9 | 1.9 | 2.1 | 0.9 | 1.09 | 0.35 |
| Comparative Example 3 | 0.2 | 53,300 | 4.5 | 1.1 | 0.8 | 0.3 | 0.48 | 0.42 |
| Comparative Example 4 | 0 | 52,200 | 5.1 | 1.2 | 0.7 | 0.3 | 0.50 | 0.42 |
| Example 14 | 1.0 | 47,100 | 18 | 1.4 | 0.5 | 0.5 | 0.52 | 0.40 |
| Example 15 | 1.0 | 50,600 | 22 | 1.5 | 0.4 | 0.5 | 0.50 | 0.40 |
| Example 16 | 1.0 | 49,000 | 16 | 1.4 | 0.4 | 0.7 | 0.55 | 0.39 |
| Example 17 | 1.0 | 52,100 | 4.1 | 1.8 | 0.3 | 0.5 | 0.54 | 0.40 |
| Example 18 | 1.0 | 46,600 | 5.2 | 1.0 | 0.6 | 0.7 | 0.59 | 0.39 |
| Example 19 | 1.0 | 48,400 | 4.4 | 1.3 | 0.7 | 0.7 | 0.61 | 0.39 |

* Amount based on 100 parts by mass of dialkoxymagnesium

[0119]

TABLE 1

| | Amount of alcohol (parts by mass*) | Homopolymerization activity (g-PP/g-cat) | MFR (g/10 min) | XS (wt%) | Fine powder content (wt%) | Coarse powder content (wt%) | SPAN | BD ($g/cm^3$) |
|---|---|---|---|---|---|---|---|---|
| Example 1 | 1.0 | 54,000 | 4.8 | 1.4 | 0.3 | 0.6 | 0.56 | 0.42 |
| Example 2 | 1.0 | 52,800 | 4.5 | 1.1 | 0.3 | 0.5 | 0.51 | 0.40 |
| Example 3 | 1.3 | 54,600 | 5.6 | 1.4 | 0.5 | 0.7 | 0.58 | 0.39 |
| Example 4 | 0.5 | 52,800 | 5.3 | 1.3 | 0.6 | 0.3 | 0.46 | 0.41 |
| Example 5 | 1.0 | 49,100 | 4.0 | 1.4 | 0.4 | 0.7 | 0.59 | 0.40 |
| Example 6 | 1.0 | 48,900 | 17 | 2.0 | 0.1 | 0.2 | 0.44 | 0.40 |
| Example 7 | 1.0 | 50,800 | 12 | 2.8 | 0.1 | 0.3 | 0.47 | 0.40 |
| Example 8 | 1.0 | 55,300 | 6.0 | 1.6 | 0.4 | 0.5 | 0.52 | 0.40 |
| Example 9 | 1.0 | 50,700 | 5.9 | 1.3 | 0.4 | 0.6 | 0.59 | 0.40 |
| Example 10 | 1.0 | 49,500 | 5.5 | 1.4 | 0.5 | 0.6 | 0.61 | 0.39 |
| Example 11 | 1.3 | 53,100 | 6.0 | 1.4 | 0.5 | 0.5 | 0.58 | 0.38 |
| Example 12 | 1.0 | 52,200 | 5.8 | 1.3 | 0.4 | 0.4 | 0.49 | 0.40 |
| Example 13 | 0.7 | 50,600 | 5.8 | 1.3 | 0.4 | 0.4 | 0.52 | 0.41 |
| Comparative Example 1 | 3.0 | 30,800 | 9.7 | 3.1 | Could not be measured | Could not be measured | Could not be measured | 0.31 |
| Comparative Example 2 | 1.6 | 43,400 | 6.9 | 1.9 | 2.1 | 0.9 | 1.09 | 0.35 |
| Comparative Example 3 | 0.2 | 53,300 | 4.5 | 1.1 | 0.8 | 0.3 | 0.48 | 0.42 |
| Comparative Example 4 | 0 | 52,200 | 5.1 | 1.2 | 0.7 | 0.3 | 0.50 | 0.42 |
| Example 14 | 1.0 | 47,100 | 18 | 1.4 | 0.5 | 0.5 | 0.52 | 0.40 |
| Example 15 | 1.0 | 50,600 | 22 | 1.5 | 0.4 | 0.5 | 0.50 | 0.40 |
| Example 16 | 1.0 | 49,000 | 16 | 1.4 | 0.4 | 0.7 | 0.55 | 0.39 |
| Example 17 | 1.0 | 52,100 | 4.1 | 1.8 | 0.3 | 0.5 | 0.54 | 0.40 |
| Example 18 | 1.0 | 46,600 | 5.2 | 1.0 | 0.6 | 0.7 | 0.59 | 0.39 |
| Example 19 | 1.0 | 48,400 | 4.4 | 1.3 | 0.7 | 0.7 | 0.61 | 0.39 |

* Amount based on 100 parts by mass of dialkoxymagnesium