

McCann PP M30CCOO18

Polypropylene Copolymer

McCann Plastics Inc.

Message:

Good Gloss.

Calcium Filled 30%, Polypropylene Copolymer / Lawn & Garden, Appliance, Furniture, Housewares, Toys and general purpose applications requiring good impact, medium stiffness, and good flow. Custom color and UV stabilized versions also available.

| General Information | | | |
|---|--|-------------------|-------------|
| Filler / Reinforcement | Calcium Carbonate,30% Filler by Weight | | |
| Features | Copolymer | | |
| | General Purpose | | |
| | Good Flow | | |
| | Good Impact Resistance | | |
| | Good Stiffness | | |
| | Medium Gloss | | |
| Uses | Appliances | | |
| | Furniture | | |
| | General Purpose | | |
| | Household Goods | | |
| | Lawn and Garden Equipment | | |
| | Toys | | |
| Forms | Pellets | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.14 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 18 | g/10 min | ASTM D1238 |
| Molding Shrinkage - Flow | 1.1 | % | ASTM D955 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | 20.0 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 120 | % | ASTM D638 |
| Flexural Modulus - Tangent | 1380 | MPa | ASTM D790 |
| Flexural Strength | 24.1 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C) | 120 | J/m | ASTM D256 |
| Gardner Impact | 18.1 | J | ASTM D3029 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load | | | ASTM D648 |
| 0.45 MPa, Unannealed | 87.8 | °C | |

| | | |
|---------------------|---------------|-------------|
| 1.8 MPa, Unannealed | 48.9 | °C |
| Flammability | Nominal Value | Test Method |
| Flame Rating | HB | UL 94 |

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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