



Provisional

J16MA400

LOW DENSITY POLYETHYLENE FOR INJECTION MOLDING & MASTERBATCH APPLICATION

J16MA400 is an injection molding grade with high melt flow index for molding of very thin, intricate and large items having adequate mechanical properties. This grade is also an ideal choice for making master batches with higher loading.

TYPICAL CHARACTERISTICS*

| PROPERTY | TEST METHOD | UNIT | TYPICAL VALUE** |
|-----------------------------------|-------------|-----------|-----------------|
| Density (23°C) | ASTM D 792 | g/cc | 0.918 |
| Melt Flow Index (190°C / 2.16 Kg) | ASTM D 1238 | g/10 min. | 30 |
| Tensile Strength at Yield | ASTM D 638 | MPa | 10 |
| Elongation at Yield | ASTM D 638 | % | 40 |
| Flexural Modulus | ASTM D 790 | MPa | 140 |
| Notched Izod Impact strength | ASTM D 256 | J/m | No Break |
| Vicat softening point | ASTM D 1525 | °C | 84 |

* Typical characteristics and not to be taken as specifications

** Mechanical properties are on Injection molded specimens

APPLICATIONS:

Master batches, powder coating & moldings.

Regulatory Information

For various regulatory and food contact certifications / declarations please contact RIL representative.

Storage Recommendations

- Bags should be stored in dry/closed conditions at temperatures below 50°C and protected from UV / direct sunlight.

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