

KW Plastics KWR105M2

High Density Polyethylene

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Message:

Copolymer High Density Polyethylene Post-Consumer Resin
Injection Molding
CHARACTERISTICS
Superior toughness.
Available as mixed color and pre-colored black.

| General Information | | | |
|---|-------------------|-------------------|-----------------|
| Recycled Content | Yes | | |
| Features | Copolymer | | |
| | Good Toughness | | |
| | High Density | | |
| RoHS Compliance | RoHS Compliant | | |
| Appearance | Black | | |
| | Colors Available | | |
| Forms | Pellets | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 0.947 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 4.0 | g/10 min | ASTM D1238 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 20.7 | MPa | ASTM D638 |
| Flexural Modulus | 862 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 110 | J/m | ASTM D256 |
| Additional Information | Nominal Value | Unit | Test Method |
| Polypropylene | 15 | % | ASTM D5576 |
| Weight Loss on Heating (105°C) | < 0.10 | % | Internal Method |

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Recommended distributors for this material

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