



RRPH0408 Series

Recycled Homopolymer Polypropylene

Melt Flow: 4-8

VERDANT RRP0408 Series is a post-industrial and post-consumer, reprocessed, homopolymer polypropylene resin blend available in mixed color (**VERDANT RRP0408X**) or black color (**VERDANT RRP0408Y**) suitable for injection molding.

| Resin Property | Typical Value | Units | Test Method |
|--------------------------------|----------------------|-----------|----------------------------------|
| Melt Flow Rate, 230 °C/2.16 kg | 4.0-8.0 | g/10 min | ASTM D-1238 |
| Ash Content | 3.00-5.00 | % | Supplier Method (TGA 2050) |
| Moisture Content | 0.02-0.06 | % | Supplier Method (Loss on Drying) |
| Tensile Strength | 4,200-4,600 (29-32) | psi (MPa) | ASTM D-638 |
| Flexural Modulus | 160,000 Min. (1,100) | psi (MPa) | ASTM D-790A |

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