

# REVOLVE® N-264

Polyethylene

Matrix Polymers

## Message:

Revolve N-264 is a rotomoulding high density polyethylene resin which has good mouldability, impact strength and is fully UV stabilised.

| General Information                                |                        |                   |              |
|--|------------------------|-------------------|--------------|
| Additive   | UV Stabilizer          |                   |              |
| Features   | Good Impact Resistance |                   |              |
|  | Good Moldability       |                   |              |
|  | Good Stiffness         |                   |              |
| Appearance   | Black                  |                   |              |
|  | Colors Available       |                   |              |
|  | Natural Color          |                   |              |
| Forms  | Powder                 |                   |              |
| Processing Method                                  | Rotational Molding     |                   |              |
| Physical   | Nominal Value          | Unit              | Test Method  |
| Density  | 0.938                  | g/cm <sup>3</sup> | ISO 1183     |
| Melt Mass-Flow Rate (MFR)                          | 4.0                    | g/10 min          | ISO 1133     |
| Mechanical   | Nominal Value          | Unit              | Test Method  |
| Tensile Stress (Yield)                             | 20.0                   | MPa               | ISO 527-2/50 |
| Flexural Modulus <sup>1</sup>                      | 710                    | MPa               | ISO 178      |
| Impact   | Nominal Value          | Unit              | Test Method  |
| Low Temperature Impact - ARM (3.00 mm)             | 93.0                   | J                 |              |
| Thermal  | Nominal Value          | Unit              | Test Method  |
| Heat Deflection Temperature (0.45 MPa, Unannealed) | 47.0                   | °C                | ISO 75-2/B   |
| NOTE   |                        |                   |              |
| 1.   | 1.3 mm/min             |                   |              |

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