Technical Data Sheet

# Hifax ETA4161U P23494 J DEERE GRY

Polypropylene Compounds

## Product Description

*Hifax* ETA4161U P23494 J DEERE GRY fractional melt flow, medium flexural modulus, thermoplastic polyolefin (TPO) is typically used as a cap layer for interior and exterior applications that require good scratch and mar resistance and can improve stress whitening issues. This extrusion grade material exhibits enhanced melt strength for a wide thermoforming process window.

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|---|---|
| **Application** | Industrial; Panels & Profiles |
| **Market** | Automotive |
| **Processing Method** | Injection Molding |

| Typical Properties | Nominal Value | Units | Test Method |
|---|---|---|---|
| **Physical** | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 0.60 | g/10 min | ISO 1133-1 |
| Density, (23 °C) | 0.91 | g/cm³ | ISO 1183-1 |
| **Mechanical** | | | |
| Flexural Modulus, (23 °C, 2 mm/min) | 1150 | MPa | ISO 178 |
| Tensile Stress at Yield, (23 °C, 50 mm/min) | 28 | MPa | ISO 527-1, -2 |
| **Impact** | | | |
| Multi-axial Impact Strength, (23° C, 2.2 m/s, 3.2 mm plaque) | 23 | J | ASTM D3763 |
| Energy at Peak Force, Material Exhibits Ductile Behavior | | | |
| **Additional Information** | | | |
| Mold Shrinkage | | | ISO 294-4 |
| Please contact LyondellBasell for shrinkage recommendations. | | | |