

G-Lene I60A080

High Density Polyethylene

Gas Authority of India Limited

Message:

I60A080 has excellent processability with optimum balance of mechanical properties and low degree of warpage. It is used for General Purpose, Multi Purpose, Vegetable Creates etc.

| General Information | | | |
|------------------------------------------------------------|------------------------|-------------------|-------------|
| Additive | Antioxidant | | |
| Features | Antioxidant | | |
| | High Gloss | | |
| | High Impact Resistance | | |
| | High Stiffness | | |
| | Low Warpage | | |
| Uses | Crates | | |
| | Luggage | | |
| Forms | Pellets | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.960 | g/cm ³ | ASTM D1505 |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 8.0 | g/10 min | ASTM D1238 |
| Environmental Stress-Cracking Resistance (10% Igepal, F50) | < 48.0 | hr | ASTM D1693 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 25.0 | MPa | ASTM D638 |
| Tensile Elongation (Yield) | 11 | % | ASTM D638 |
| Flexural Modulus | 804 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 88 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Vicat Softening Temperature | 126 | °C | ASTM D1525 |

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