

TAISOX 6520G

Low Density Polyethylene
Formosa Plastics Corporation

Message:

TAISOX 6520G is a Low Density Polyethylene material. It is available in Asia Pacific, Europe, or North America for injection molding.
Important attributes of TAISOX 6520G are:
Good Adhesion
Good Processability
Typical applications include:
Coating Applications
Foam

| General Information | | | |
|---|----------------------|-------------------|-------------|
| Features | Good Adhesion | | |
| | Good Processability | | |
| | Low Density | | |
| | Low Neck-In | | |
| Uses | Coating Applications | | |
| | Foam | | |
| Forms | Pellets | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.916 | 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 | 43.0 | hr | ASTM D1693 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore D) | 52 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | | | ASTM D638 |
| Yield | 8.83 | MPa | |
| Break | 10.8 | MPa | |
| Tensile Elongation (Break) | 500 | % | ASTM D638 |
| Flexural Modulus | 108 | MPa | ASTM D790 |
| Thermal | Nominal Value | Unit | Test Method |
| Brittleness Temperature | -70.0 | °C | ASTM D746 |
| Vicat Softening Temperature | 85.0 | °C | ASTM D1525 |
| Melting Temperature | 105 | °C | |
| Injection | Nominal Value | Unit | |
| Processing (Melt) Temp | 270 to 340 | °C | |

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