

Greenflex® ML 60

Ethylene Vinyl Acetate Copolymer

Versalis S.p.A.

Message:

Greenflex ML 60 is an ethylene vinyl acetate copolymer (EVA) for injection moulding, compounding and extrusion.

Main Application

Greenflex ML 60 is recommended for the production of foamed and crosslinked sheets for shoes and gasket.

| General Information | | | |
|---|-------------------------------------|-------------------|-----------------|
| Features | Copolymer | | |
| | Crosslinkable | | |
| | Foamable | | |
| | Food Contact Acceptable | | |
| Uses | Compounding | | |
| | Foam | | |
| | Footwear | | |
| | Gaskets | | |
| | Sheet | | |
| Agency Ratings | EU Food Contact, Unspecified Rating | | |
| Forms | Pellets | | |
| Processing Method | Compounding | | |
| | Extrusion | | |
| | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.952 | g/cm ³ | ISO 1183 |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 2.5 | g/10 min | ISO 1133 |
| Vinyl Acetate Content | 28.0 | wt% | Internal Method |
| Hardness | Nominal Value | Unit | Test Method |
| Shore Hardness | | | ISO 868 |
| Shore A, Injection Molded | 75 | | |
| Shore D, Injection Molded | 32 | | |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Stress (Yield, Injection Molded) | 3.00 | MPa | ISO 527-2 |
| Flexural Modulus (Injection Molded) | 10.0 | MPa | ISO 178 |
| Thermal | Nominal Value | Unit | Test Method |
| Brittleness Temperature | < -80.0 | °C | ASTM D746 |
| Vicat Softening Temperature | 44.0 | °C | ISO 306/A |

| | | | |
|------------------------|---------------|------|-----------------|
| Melting Temperature | 74.0 | °C | Internal Method |
| Injection | Nominal Value | Unit | |
| Processing (Melt) Temp | 140 to 190 | °C | |
| Mold Temperature | 10.0 to 30.0 | °C | |

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