

ADMER™ NF538E

Linear Low Density Polyethylene
Mitsui Chemicals Europe GmbH

Message:

ADMER® NF538E is a maleic anhydride grafted LLDPE-based adhesive resin, which is designed for strong bonding to PA and EVOH in cast film application with high processing speed.

| General Information | | | |
|---|--------------------------------------|-------------------|-------------|
| Features | Food Contact Acceptable | | |
| | Good Adhesion | | |
| | Good Processability | | |
| Uses | Adhesives | | |
| | Cast Film | | |
| | Film | | |
| | Food Service Applications | | |
| | Non-specific Food Applications | | |
| Agency Ratings | FDA Food Contact, Unspecified Rating | | |
| Processing Method | Extrusion | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.910 | g/cm ³ | ASTM D1505 |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 4.1 | g/10 min | ASTM D1238 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore D) | 45 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | | | ASTM D638 |
| Yield | 7.40 | MPa | |
| Break | 17.0 | MPa | |
| Tensile Elongation (Break) | > 500 | % | ASTM D638 |
| Impact | Nominal Value | Unit | Test Method |
| Unnotched Izod Impact (Area) | No Break | | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Vicat Softening Temperature | 85.0 | °C | ASTM D1525 |
| Peak Melting Temperature | 121 | °C | ASTM D3418 |

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