

Escorene™ Ultra UL 7840E

Ethylene Vinyl Acetate Copolymer Resin

ExxonMobil Chemical

Message:

Escorene Ultra UL 7840E is a copolymer containing 31.4% vinyl acetate, which is well compatible with hydrocarbons or natural tackifiers and is suitable for manufacturing hot melt adhesives and sealants. The additives contained in UL 7840E can improve the fluidity and operability of particles.

| General Information | | | |
|-------------------------------------------|-----------------|-------------------|-------------------|
| Additive | heat stabilizer | | |
| Forms | Particle | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.955 | g/cm ³ | ASTM D1505 |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 43 | g/10 min | ASTM D1238 |
| Vinyl Acetate Content | 31.4 | wt% | ExxonMobil Method |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A, 15 sec) | 55 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Break) | 3.03 | MPa | ASTM D638 |
| Tensile Elongation (Break) | > 800 | % | ASTM D638 |
| Flexural Modulus - 1% Secant | 12.5 | MPa | ASTM D790 |
| Legal statement | | | |

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