

LVS430

Ethylene vinyl acetate copolymer (EVA)



General Information

LVS430 is an ethylene vinyl acetate resin produced in the tubular process, designed for foaming and sheet molding, and has excellent processability and mechanical properties.

Key Features

- Excellent foaming properties and mechanical properties
- Vinyl Acetate Content 18%

Applications

- Foam, Shoe soles, Injection/Sheet molding

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Properties

| | Item | Measuring Method | | 대표치 | Unit |
|------------|---------------------------------|------------------|-------|-------|---------------------|
| Physical | Melt Flow Index (190°C, 2.16kg) | ASTM | D1238 | 2.0 | g/10min |
| | Density | ASTM | D1505 | 0.940 | g/cm ³ |
| | Vinyl Acetate Content | LC Method | | 18 | wt% |
| Mechanical | Tensile Stress (Break) | ASTM | D638 | 260 | kgf/cm ² |
| | Tensile Strain (Break) | ASTM | D638 | 750 | % |
| Thermal | Melting Point | LC Method | | 86 | °C |
| | VICAT Softening Point | ASTM | D1525 | 64 | °C |
| Additional | Hardness (Shore A) | ASTM | D2240 | 92 | A Scale |

- *NOTE : Physical Properties : these are not to be construed as specifications*

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