

HDPE JM710

YUCLAIR JM710 is high density polyethylene resins with high melt index of 45 g/10min.

It offers good processability combined with good rigidity. This resin is particularly suitable for the application requiring good processability such as housewares, toys and sundry goods.

Application / Use Case

Injection Molding / High speed injection, thin container

Specification

| | Specification | Unit | Test Method |
|------------|---------------|-------------------|-------------|
| Density | 0.950 | g/cm ³ | ASTM D1505 |
| Melt Index | 45 | g/10min | ASTM D1238 |

Physical Properties

| | Value | Unit | Test Method |
|-------------------------------------|-------|--------------------|-------------|
| Softening Point(Vicat) | 122 | °C | ASTM D1525 |
| Tensile Strength at Yield | 230 | kg/cm ² | ASTM D638 |
| Tensile Strength at Break | 70 | kg/cm ² | ASTM D638 |
| Elongation at Break | 270 | % | ASTM D638 |
| IZOD Impact Strength(Notched, 23°C) | 2 | kg·cm/cm | ASTM D256 |
| Flexural Modulus | 8500 | kg/cm ² | ASTM D790 |
| Brittleness Temperature | <-80 | °C | ASTM D746 |

These are typical properties only, and are not to be construed as specific limits.

ISO 9001 Certified

