

KGT 241 is a non-additivity, low density polyethylene. It is delivered in pellet form.

Applications

- Bags & Pouches
- Bottles for Consumer Goods
- Shrink Film
- Blown Film
- Film

Processing Method

- Blown Film
- Injection Moulding
- Extrusion Blow Moulding

| Resin properties | Typical Value | Unit | Test Method |
|--|---------------|-------------------|---------------|
| Physical | | | |
| Melt Flow Rate (190°C/2.16Kg) | 0.25 | g/10min | ISO 1133 |
| Density | 0.923 | g/cm ³ | ISO 1183 |
| Mechanical | | | |
| Tensile Modulus | 240 | MPa | ISO 527-1, -2 |
| Tensile Strength at Break MD/TD | 27/20 | MPa | ISO 527-1, -3 |
| Tensile Strain at Break MD/TD | 200/500 | % | ISO 527-1, -3 |
| Dart Drop Impact(50 blown film) | 250 | g | ASTM D 1709 |
| Vicat softening temp(A50 (50 °C/h 10N) | 94 | °C | ISO 306 |
| Optical | | | |
| Haze (50) | <14 | % | ASTM D 1003 |
| Gloss (60°,50) | >50 | ----- | ASTM D 2457 |