



# AYLER POLYMER

[www.aylerpolymer.ir](http://www.aylerpolymer.ir)

## HBM5510

HBM 5510 is a high density polyethylene, specially developed for large parts blow molding. This grade, which is produced by 1-hexene as a co-monomer, offers high stiffness, good process-ability, excellent parison melt strength and good ESCR. HBM 5510 has been manufactured under Basell license.

### Features

- Blown film extrusion
- Geomembrane
- High strength carrier bags-
- Uni/multi wall packaging

### Applications

- High Tear Resistance
- High Strength
- Good Seal-ability

### Additives

- Antioxidant

| Properties                    | Unit              | Typical Value | Test Method |
|-------------------------------|-------------------|---------------|-------------|
| Density                       | g/cm <sup>3</sup> | 0.955         | ISO 1183    |
| Melt flow rate(190 c/5.06kg)  | g/10 min          | 0.05          | ISO 1133    |
| Melt flow rate(190 c/21.16kg) | g/10 min          | 10            | ISO 1133    |
| Tensile Stress at Yield       | MPa               | 19            | ISO 527-1,2 |