

## TECHNICAL DATA SHEET

# BI710

Hanwha TotalEnergies

PP

### Processing

Injection molding

### Special Characteristics

Anti-static, High impact or impact modified

### Features

Copolymer

### Certifications

Food contact, Food approval FDA 21 CFR

### Applications

Packaging

| Processing/Physical Characteristics  | Value | Unit              | Standard    |
|--------------------------------------|-------|-------------------|-------------|
| Melt flow index, MFI                 | 20    | g/10min           | ASTM D 1238 |
| Mechanical Properties                | Value | Unit              | Standard    |
| Tensile strength at yield            | 27.5  | MPa               | ASTM D 638  |
| Elongation at break                  | 150   | %                 | ASTM D 638  |
| Flexural modulus                     | 1423  | MPa               | ASTM D 790  |
| Rockwell hardness                    | R 85  |                   | ASTM D 785  |
| Izod impact notched, 1/8 in          | 88.3  | J/m               | ASTM D 256  |
| Izod impact notched, Low-Temperature | 44.14 | J/m               | ASTM D 256  |
| Temperature                          | -20   | °C                |             |
| Other Properties                     | Value | Unit              | Standard    |
| Density                              | 910   | kg/m <sup>3</sup> | ASTM D 792  |