

## DATASHEET

### ASTM Property



|                |       |
|----------------|-------|
| <b>Grade</b>   | J2200 |
| <b>Product</b> | HDPE  |

#### General Information

##### Key Features

- Stiffness, Fluidity, Excellent chemical resistance

##### Applications

Transport container, Container

| Item                                 | Measuring Method | Unit                | Value  |
|--------------------------------------|------------------|---------------------|--------|
| <b>Physical</b>                      |                  |                     |        |
| Melt Flow Index                      | ASTM D1238       | g/10min             | 5.0    |
| Density                              | ASTM D1505       | g/cm <sup>3</sup>   | 0.965  |
| <b>Mechanical</b>                    |                  |                     |        |
| Tensile Stress (Yield)               | ASTM D638        | kgf/cm <sup>2</sup> | 260    |
| Tensile Strain (Break)               | ASTM D638        | %                   | ≥500   |
| Flexural Modulus                     | ASTM D790        | kgf/cm <sup>2</sup> | 13,500 |
| <b>Impact</b>                        |                  |                     |        |
| Izod Impact Strength(notched) (23°C) | ASTM D256        | kgf·cm/cm           | 8      |
| <b>Thermal</b>                       |                  |                     |        |
| VICAT Softening Temperature          | ASTM D1525       | °C                  | 124    |
| <b>Additional Properties</b>         |                  |                     |        |
| ESCR                                 | ASTM D1693       | F50hr               | 4      |

1. Physical Properties : these are not to be construed as specifications
2. ISO 9001, 14001, /TS 16949

\* The last update date : 2021/10/01