

**High density polyethylene
(HDPE)****J2200****Uz-Kor Gaz Chemical, Uzbekistan****PROPERTIES**

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|--|---|--------------------|-------------|
| Description | High stiffness, Good chemical resistance. | | |
| Applications | Crate, House wares, Bottle cap. | | |
| Density | g/cm ³ | 0.963-0.968 | ASTM D 1505 |
| Melt Flow Index | g/10min | 4.5-5.5 | ASTM D 1238 |
| Tensile Stress (Yield) (min) | kg/cm ² | 230 | ASTM D 638 |
| Elongation at Break (min) | % | 500 | ASTM D 638 |
| Flexural Modulus (min) | kg/cm ² | 11,500 | ASTM D790 |
| Izod Impact Strenght (23 °C) | kg cm/cm | 6 | ASTM D256 |
| VICAT Softening Point (min) | °C | 124 | ASTM D1525 |
| Heat distortion temperature (4,6 kg/cm²) (min) | °C | 70 | ASTM D648 |
| Rockwell Hardness (min) | R | 60 | ASTM D785 |
| ESCR (F50)(min) | hr | 4 | ASTM D1693 |

These are typical properties: not to be construed as specification.