

Ilam Petrochemical Company

# HDPE 6008B

## *Blow Molding Grade*

| Property                    | Test Method   | Unit              | Value |
|-----------------------------|---------------|-------------------|-------|
| Melt flow rate              | ISO 1133      | g/10 min.         | 0.36  |
| Density                     | ISO 1183      | kg/m <sup>3</sup> | 956   |
| Tensile Strength at yield   | ISO 527-1, -2 | MPa               | 26    |
| Tensile Strength at break   | ISO 527-1, -2 | MPa               | >17   |
| Elongation at Break         | ISO 527-1, -2 | %                 | >500  |
| Charpy Impact strength      | ISO 179-1     | kJ/m <sup>2</sup> | 8.6   |
| Shore hardness              | ISO 868       | D scale           | 64    |
| Stress cracking resistance  | ASTM 1693     | hr                | 300   |
| Melting temperature         | ISO 11357     | °C                | 132   |
| Vicat softening temperature | ISO 306       | °C                | 123   |

## APPLICATION

Different in stabilizer recipe from 62008X Anti-static electricity Detergent bottles, cosmetic bottles



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