

IMG HDPE 813

DATA SHEET

| PROPERTY | VALUE | ASTM |
|--|-------|--------|
| Melt Index (190°C/ 2.16kg) (g/10 min) | 50 | D 1238 |
| Density (g/cm ³) | 0.942 | D 792 |
| Tensile Strength at Break (psi) | 2090 | D 638 |
| Tensile Strength at Yield (psi) | 3030 | D 638 |
| Elongation at Break (%) | 37 | D 638 |
| Elongation at Yield (%) | 9.0 | D 638 |
| Flexural Modulus, 2% (psi) | 83500 | D 790B |
| Brittleness Temperature (°F) | -63.0 | D 746 |
| Tensile Impact Strength (ft-lb/in ²) | 43.0 | D 1822 |
| ESCR Condition B (hrs) | 6 | D 1693 |

MARPOL® HDM 550 is an HDPE resin designed for part thinwalling in injection molding applications. This resin displays good processability and stiffness/impact balance. This resin has a narrow molecular weight distribution and high flow for processing ease.

Recommended Applications

Thin-walled containers, food containers and freezer containers

This information, to our knowledge, is believed to be correct. The use of this product in its actual conditions are beyond our control and satisfactory results for this product is the customer's sole responsibility.