

ILAM PETROCHEMICAL COMPANY

| HDPE 7000F(Extrusion grade) | | | |
|--|---------------|-------------------|-------|
| Property | Test Method | Unit | Value |
| Melt flow rate | ISO 1133 | g/10 min. | 0.04 |
| Density | ISO 1183 | kg/m ³ | 952 |
| Tensile Strength at yield | ISO 527-1, -2 | MPa | 27 |
| Tensile Strength at break | ISO 527-1, -2 | MPa | >24 |
| Elongation at Break | ISO 527-1, -2 | % | >500 |
| Charpy Impact strength | ISO 179-1 | kJ/m ² | NB |
| Shore hardness | ISO 868 | D scale | 64 |
| Stress cracking resistance | ASTM 1693 | hr | >600 |
| Melting temperature | ISO 11357 | °C | 131 |
| Vicat softening temperature | ISO 306 | °C | 124 |
| APPLICATION | | | |
| Excellent mechanical strength and high stiffness Excellent processability (at high speed) Tissue-like film, garment/grocery/merchandise bags, disposal waste bags, counter bags, grocery sacks, trash bags | | | |