HD – **I4**

License Grade Code HC HD 7255

1) Product Description: HD7255 is a HDPE grade with high impact strength and low warpage. It produced by THE and THS catalyst.

2) Applications:

- For thick walled
- Highly stressed transport containers e.g. refuse bins and Fish crates.
- Injection moulding

3) Typical Data

| Property | Unit | Value(THE cat.) | Test Method |
|------------------------------------|-----------|-----------------|-------------|
| Density | (g/ml) | 0.954 | ISO 1183 |
| MFR(190°C/2.16kg) | (g/10min) | 3.5 | ISO 1133 |
| MFR(190°C/5kg) | (g/10min) | 11 | ISO 1133 |
| FRR(5/2.16) | - | 2.8 | - |
| Fish Eye Note | (note) | - | internal |
| Notched impact(23°C) | (mj/mm2) | 4 | ISO 179/1eA |
| Hydrostatic Strength (4N/mm2 80°C) | h | - | ISO 1176 |

This data are average values and test specimen from compression moulded at 23°C

4) Processing Condition:

Recommended injection moulding temperature: 200-280 °C Producer: AmirKabir Petrochemical Co. Licensor: Basell Packing: 25 Kg plastic bag