



High Density Polyethylene

HD 54404

(Basell Grade: I4)

With UV

| Typical properties | Test method (DIN) | Unit | Value |
|-----------------------|-------------------|----------|---------------|
| MFI@190°C, 2.16 kg | ASTM D1238-10 | gr/10min | 4.8 |
| MFI@190°C, 21.6 kg | ASTM D1238-10 | gr/10min | 109 |
| Density | ASTM D1505-10 | gr/ml | 0.950 – 0.958 |
| VOLATILES | IN HOUSE | %WT | MAX 0.05 |
| Standard Yellow Index | DIN 6167 | - | Min 2.5 |

❖ for containers and dangerous goods packing

➤ Values shown are averages & are not to be considered as product specifications.

❖ Main application & Characteristics:

54404 is a high density polyethylene grade, suitable for injection moulding applications.

- **Characteristics:**

- Low distortion tendency.
- High hardness and rigidity.
- Good ESCR.

- **Typical applications are:**

- Thick-Walled, Transport Containers e.g. refuse bins & fish crates
- Pallet, Boxes, Screw caps
- Cable clips.

❖ 54404 is suitable for food contact.