

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	3.2 – 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.