

HF4760 (BL3)

HF-4760(BL3) is a blow molding grade resin with high density polyethylene with 1-Butene as co monomer which is manufactured by the suspension polymerization of ethylene monomer. Stiffness, good ESCR are its special properties. High rigidity and good flowability which made it proper for usage in bottles and small blow molding goods.

Resin Properties	Unit	Typical Value	Test Method
Melt Index(21.6)	g/10 min	23	ISO 1133
Melt Index(5)	g/10 min	1.2	ISO 1133
FRR (21.6/5)	-	19	-
Density	g/cm ³	0.954	ISO 1183

Molded Properties	Unit	Typical Value	Test Method
Notched Impact @ 23°C	mJ/mm ²	9	ISO 179/ 1 eA

Characteristic Properties

- High density and Stiffness
- Good flowability and impact Strength
- Good Stress Cracking resistance.

Density: 0.952-0.956 g/cm³

Main Applications

- For container with capacities ranging from a few ml up to 10 liters, also for production of sheets for thermoforming.

MFR: 190/5: 0.9-1.5

Additives

- Antioxidant/Process stabilizer
- Lubricant/ acid scavenger

