

High Density Polyethylene

HDPE BL3

Description:

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 it's special properties. High rigidity and good flowability which made it proper for usage in bottles and small blow molding goods.

Properties	Test Method	Unit	Value
Melt index (21.6)	ISO 1133	g/10 min	23
Melt Index(5)	ISO 1133	g/10 min	1.2
FRR (21.6/5)			19
Density	ISO 1183	g/cm ³	0.954
Notched Impact @ 23 °C	ISO 179/ 1eA	mJ/mm ²	9

Features

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

Applications

- Small blow moulding Bottles Containers (up to 5 lit)
- Packing of pharmaceuticals & surfactants

Additives

- Antioxidant/Process stabilizer
- Lubricant/ acid scavenger

Packaging

Jam Polymers Polyolefin resins are supplied in pellet form packed in 25kg bags. Alternative packaging modes are available for selected grades.

Producer: Jam Petrochemical Company



The above values were calculated from data for 100 µm produced on a 75mm Barrnage extruder with 190°C melt temperature using a 2:1 blow ratio and a gap die of 3.0 mm.