

# Jam HF-4760(BL3)

High Density Polyethylene  
Jam Petrochemical Company

Message:

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.

- Features
- High density and Stiffness
  - Good flowability and impact Strength
  - Good Stress Cracking resistance.
- Applications
- Small blow moulding Bottles
  - Containers (up to 5 lit )
  - Packing of pharmaceuticals & surfactants

General Information			
Additive	Antioxidation		
	Lubricant		
Features	Good ESCR (Stress Crack Resist.)		
	Butene comonomer		
	Rigidity, high		
	Rigidity, high		
	High density		
	Antioxidation		
	Impact resistance, good		
	Good liquidity		
	Lubrication		
Uses	Packaging		
	Blow molding applications		
	Bottle		
	Container		
	Drug packaging		
Processing Method	Blow molding		
Physical	Nominal Value	Unit	Test Method
Density	0.954	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR)			ISO 1133
190°C/21.6 kg	23	g/10 min	ISO 1133
190°C/5.0 kg	1.2	g/10 min	ISO 1133
Flow Rate Ratio - 21.6/5	19.0		

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C, Compression Molded)	9.0	kJ/m <sup>2</sup>	ISO 179/1eA

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