

Technical data sheet



BL3

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

Applications:

- For container with capacities ranging from a few ml up to 10 liters
- Production of sheets for thermoforming

Features:

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

Resin Properties	Nominal Value (SI)	Test Method
Melt Index (21.6)	23 g/10 min	ISO 1133
Melt Index (5)	1.2 g/10 min	ISO 1133
FRR (21.6/5)	19	-
Density	0.954 g/cm ³	ISO 1183
Molded Properties	Nominal Value (SI)	Test Method
Notched Izod Impact (73°F (23°C))	9 mJ/mm ²	ISO 179/ 1 eA

Supplier

Jam Petrochemical Company

Web: <http://www.jpcomplex.com>

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Storage

Polyethylene products (in pelletized or powder form) should not be stored in direct sunshine or heat radiation. Ultraviolet causes changes in material properties. The Storage area should be dry and preferably don't exceed 50 °C.

Under cool, dry, and dark conditions, Jam Polymers polyolefin resins are expected to maintain the original and processing properties for at least 18 months.

JPC would not be responsible for quality diminishing as a change in color or smell caused by bad storage conditions.

It is recommended to process PE resin within six months after delivery.

Packaging

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