



HDPE APAK 4760

HDPE is an acronym for High Density Polyethylene. High Density Polyethylene is a polyethylene thermoplastic made from petroleum. HDPE is commonly recycled and made into composite wood or plastic lumber.

APAK- 4760 is a blow molding grade resin with high density polyethylene with I-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 1 133
Melt Index(S)	g/10 min	1.2	ISO 1 133
FRR (21.6/5)		19	
Density	g/cm ³	0.954	ISO 1 183
Molded Properties		Typical Value	Test Method
Notched Impact @ 23°C	mJ/mm ²	9	ISO 179/ 1 eA

Density: 0.952-0.956 g/cm³

Additives

Antioxidant/Process stabilizer

Lubricant/ acid scavenger