Product data sheet

HM-8355 (BL4)

HDPE made via Hostalen Process



HM-8355(BL4) is a Blow molding grade resin which is manufactured by suspension polymerization of ethylene monomer. HM-8355 (BL4) is a bu-modal high density polyethylene with Butene-1 as co monomer with general purpose of large container.

HDPE: HM-8355(BL4)

Density: 0.949-0.953 g/cm3

MFR 190/5: 0.29-0.41

Characteristic Properties



- High molar mass, easily processable high stiffness strenght, good stress Cracking resistance and very good molding surface finish.

Main Applications



- General purpose grade for large container.

Additives



- Antioxidant/Process stabilizer
- Lubricant/ acid scavenger

Material properties *(This data are typical values and are not to be construed as product specifications.)*

Resin Properties	Unit	Typical Value	Test Method
Melt Index(21.6)	(g/10 min)	9.5	ISO 1133
Melt Index(5)	(g/10 min)	0.35	ISO 1133
FRR (21.6/5)		27	
Density	g/cm³	0.951	ISO 1183
Swell Ratio	%	110	
Moulded Properties	**Unit**	**Typical Value**	**Test Method**
Notched Impact @ 23 °C	mJ/mm²	10	ISO 179/ 1 eA