



Product: High Density Polyethylene (HDPE)
Grade: Blow
Trade Name: HB0035/BL3

Typical Applications

HB0035/BL3 series grades are classified as multipurpose blow molding grades. They may be blow molded into containers for household and industrial chemicals (eg. Detergents, bleach, fabric softeners, solvents, paints etc.), automotive supplies, foodstuffs, toiletries and cosmetics. They can also be used in other hollow thin-walled parts and profile extrusions.





Asia Petrochemicals LLC

TDS FOR HDPE HB0035/BL3

PRODUCT DESCRIPTION

HB0035 Series grades are medium molecular weight High Density Polyethylene copolymer. They are primarily intended for blow molding articles of small sizes. HB0035 series grades offer excellent

Process conditions:

Typical processing conditions for HB0035/BL3 are:

Barrel Temperature: 170 - 200°C

Melt Temperature: 190-220°C

Packing: 25 Kg plastic bag

Typical Data

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
Mass density (23°C)	ASTM D 1505	g/cm ³	0.959
Melt Flow Rate (190°C/2.16 kg)	ASTM D1238	g/10min	0.35
Izod impact strength	ASTM D 256	Kg.cm/cm	25 min
Yellow index	ASTM D 1925	-	-5 max.
Ash content	ASTM D 1063	wt%	0.06 max
Volatile matter	ASTM D 1960	wt%	0.05 max.
Tensile strength @ break	ASTM D 638	gr/cm ²	290 min
Elongation @ break	ASTM D 638	%	900 min
Melting point	ASTM D 2117	°C	130
Vicat softening point	ASTM D 1525	°C	126
ESCR	ASTM D 1693	hr	15

For further information please visit <http://www.asia-petrochem.com> or send an enquiry to info@asia-petrochem.com

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