

VP-HD-BL3

Description:

VP-HD-BL3 (HF 4760) is a high density polyethylene with high stiffness, good flow ability, good impact strength, and good stresscracking resistance. The processing method of VP-HD-BL3 is small blow moulding.

Features	Applications	Packaging
High density, high stiffness, good flow ability, good impact strength, and good stress cracking resistance.	Pneumatic parts, containers with capacities ranging from a few ml up to 10 liters, for production of sheets for thermoforming.	Supplied in the form of pellets, or in bulk, or in 25 Kg bags.

Physical properties	Unit	Typical value	Test method
MFR (190 °C / 5 Kg)	g/10min.	0.9 - 1.5	ISO 1133
MFR (190 °C / 21.6 Kg)	g/10min.	19 - 27	ISO 1133
FRR (MFR 21.6 Kg / 5 Kg)	-	16 - 22	ISO 1133
Density	g/cm ³	0.952 - 0.956	ISO 1183(A)
Mechanical properties	Unit	Typical value	Test method
Notched impact at 23 °C	KJ/m ²	9	ISO 179/1 eA
Swell ratio *	%	95 - 125	-
* Test specimen from compressed moulded sheet at 23 °C.			