

VP-HD-3840

Description:

VP-HD-3840 is a linear HDPE with butene copolymer. This polymer has narrow molecular weight distribution. VP-HD-3840 is used as a rotational molding grade. The features include; Good impact strength, Excellent external and internal surface finish, Whiteness, Good stress cracking resistance.

Features	Applications	Packaging
Excellent environmental stress cracking resistance, good mechanical strength, and hot creep resistance (ESCR).	Pipes, water pipes, gas pipes, pressure pipes, sewer pipes, pipe fittings	Supplied in the form of pellets, or in bulk, or in 25 Kg bags.

Property	Units	Value	Test Method
Melting point	oC	131	ASTM D 2117
MFI (190o C/ 2.16kg)	gr/10 Min.	4	ASTM D 1238 - 7
Density	gr/cm3	0.938	ASTM D 1505 - 68
Vicat softening point	oC	Min. 115	ASTM D 1525
Tensile strength @ yeild	MPa	Min. 15	ASTM D 638 - 72
Elongation @ break	%	Min. 900	ASTM D 638
Charpy impact strength	KJ/m2	Min. 18	ASTM D 256
Flexural modulus	MPa	650	ASTM D 790
Hardness	Shore D	65	ASTM D 2240
Thermal conductivity	W/m2	0.48	ASTM D 177
C.O.L.E	oC	2X4-10	ASTM D 696-91
ESCR (F23 , 50oC)	hr	400	ASTM D 1693