

VP-LLD-22B01

Description:

VP-LLD-22B01 is a LLDPE that offers high stiffness and is suitable for blown films, blending, and lamination.

Features	Applications	Packaging
High stiffness	High stiffness blown films Blending Lamination	Supplied in the form of pellets, or in bulk, or in 25 Kg bags.

Physical properties	Unit	Typical value	Test method
MFR (190 °C / 2.16 Kg)	g/10min.	0.8 – 1.2	ASTM D-1238
Density	g/cm ³	0.920 – 0.924	ASTM D-1505
F/E ratio	-	<30	ASTM D-1238
Optical properties	Unit	Typical value	Test method
Gloss at 45°	%	35	MTM 1702
Haze	%	25	ASTM D-1003A
Fish eye	Gels/m ²	60	MTM 17108
Yellowness index	-	0.5	ASTM D-1925
Ti content	ppm (wt)	2	MTM 15636
Mechanical properties	Unit	Typical value	Test method
Tensile modulus (MD)	MPa	150	ASTM D-882
Tensile modulus (TD)	MPa	180	ASTM D-882
Tear stress at break (MD)	MPa	49	ASTM D-882
Tear stress at break (TD)	MPa	43	ASTM D-882
Elongation at break (MD)	%	800	ASTM D-882
Elongation at break (TD)	%	900	ASTM D-882
Dart drop impact	g	75	ASTM D-1709
Elmendorf tear (MD)	g	120	ASTM D-1922
Elmendorf tear (TD)	g	400	ASTM D-1922