

VP-LLD-22B03

Description:

VP-LLD-22B03 is a LLDPE that offers high stiffness and is suitable for blown and cast films, blending, and lamination.

Features	Applications	Packaging	
Hight stiffness	High stiffness blown and cast 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.	2.8 – 3.2	ASTM D-1238
Density	g/cm³	0.920 – 0.924	ASTM D-1505
F/E ratio	-	<30	ASTM D-1238
Optical properties	Unit	Typical value	Test method
Gloss at 45°	%	90	ASTM D-2457
Haze	%	2	ASTM D-1003A
Fish eye	Gels/m²	60 - 100	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	115	ASTM D-882
Tensile modulus (TD)	MPa	120	ASTM D-882
Tear stress at break (MD)	MPa	50	ASTM D-882
Tear stress at break (TD)	MPa	24	ASTM D-882
Elongation at break (MD)	%	480	ASTM D-882
Elongation at break (TD)	%	850	ASTM D-882
Dart drop impact	g	70	ASTM D-1709
Elmendorf tear (MD)	g	90	ASTM D-1922
Elmendorf tear (TD)	g	350	ASTM D-1922