

VP-LLD-209

Description:

VP-LLD-209 is a LLDPE is recommended for general purpose applications. This grade is suitable for blending with conventional LDPE.

Features	Applications	Packaging
Better sealing, higher puncture resistance, greater drawdown capability, and higher tensile strength over conventional LDPE.	Food grade Heavy duty sacks Agricultural films Liners Bags Stretch films	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.	0.9	ISO 1133
Density	g/cm ³	0.920	ISO 1183
Mechanical properties	Unit	Typical value	Test method
Tensile stress at yield (MD)	MPa	10	ISO 527
Tensile stress at yield (TD)	MPa	11	ISO 527
Tensile stress at break (MD)	MPa	41	ISO 527
Tensile stress at break (TD)	MPa	32	ISO 527
Elongation at break (MD)	%	620	ISO 527
Elongation at break (TD)	%	840	ISO 527
Tear strength (MD)	g/25μ	145	ASTM D-1922
Tear strength (TD)	g/25μ	370	ASTM D-1922
Dart drop impact	g	150	ASTM D-1709