

VP-LD-020

Description:

VP-LD-020 is a high molecular weight low density polyethylene film grade. Film made from VP-LD-020 exhibits high dart impact combined with excellent yield and tensile strength and high stiffness. Its toughness bears even in cold temperatures. The film can be sealed on all types of machines.

Features	Applications	Packaging
Unique balance of properties, good flexible extrusion behavior and dimensional stability, superior mechanical properties, good resistance to tearing and breaking.	General purpose bags, packaging of mechanical parts, carrier bags, co-extruded milk bags, low tension power cables insulation, and industrial injection mouldings.	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.	2.0	ASTM D-1238
Density	g/cm ³	0.920	* TSTM 209-B
Thermal properties	Unit	Typical value	Test method
Vicat softening point	°C	94	ASTM D-1525
Optical properties	Unit	Typical value	Test method
Haze	%	15 max.	ASTM D-1003
Gloss at 60°	Gu	60 min.	ASTM D-523
Mechanical properties	Unit	Typical value	Test method
Elongation at break (MD)	%	330 min.	ASTM D-882
Elongation at break (TD)	%	600 min.	ASTM D-882
Tensile stress at break (MD)	Kg/cm ²	160 min.	ASTM D-882
Dart drop impact	g	100 min.	ASTM D-1709
* TSTM = Toyo Soda Standard Test Method			