



Petrothene®

PM92973

Linear Low Density Polyethylene
Black Concentrate
Wire and Cable Grade

Applications

PETROTHENE PM92973 is a black concentrate formulated to be used with PETROTHENE GA808091, a natural LLDPE let-down resin, for use in the extrusion of communications and power cable jacketing. Antioxidant, to ensure long-term stability, and a processing aid have been added. This resin can be successfully used with LDPE, LLDPE, MDPE, HDPE and PP resins.

Processing Techniques

PM92973 should be let down at a ratio of 14.4:1 to yield the optimum 2.6% final carbon black loading. PM92973 is 6.5% of the final product. For exact recommendations, contact your Equistar sales or technical representative.

Typical Properties

Property	Nominal Value	Units	ASTM Test Method
Carbon Black Loading	40.0	%	D 1603
Concentrate Density	1.14	g/cc	D 1505