

Kemcor LD 1333

Medium Density Polyethylene

Qenos Pty Ltd

Message:

Cables using LD 1333 and manufactured under sound commercial fabrication conditions meet the following specifications:

- AS 1049-1986 Type 03S
- ASTM D1248, II A5, Grade E5
- REA PE200, Appendix A
- US Federal LP-390C II-L, Grade III, Category 5
- US Western Electric Co. MS 58411
- BS 6234-1987 Type 03

General Information			
Features	Good Surface Finish		
	High Molecular Weight		
	Oxidation Resistant		
Uses	Wire & Cable Applications		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.927	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.30	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	18.0	MPa	ASTM D638
Tensile Elongation (Break)	600	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-90.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+16	ohms · cm	ASTM D257
Dielectric Strength	22	kV/mm	ASTM D149
Dielectric Constant (1 MHz)	2.30		ASTM D150
Dissipation Factor (1 MHz)	4.0E-4		ASTM D150

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