

Kemcor LD 1434

Low Density Polyethylene

Qenos Pty Ltd

Message:

This grade is approved by Telecom Australia for use in telecommunication cables and meets the following raw material specifications:

AS 1049 - 1986, Type 03SBC

ASTM D 1248 IC, Grade J3, W2

BS6234 - 1987 Type 03C

General Information			
Additive	Carbon Black (3%)		
Features	Good Surface Finish		
	Good Weather Resistance		
	High ESCR (Stress Crack Resist.)		
Uses	Wire & Cable Applications		
Appearance	Black		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.932	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.25	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	12.0	MPa	ASTM D638
Tensile Elongation (Break)	600	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-85.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	20	kV/mm	ASTM D149
Dielectric Constant (1 MHz)	2.60		ASTM D150
Dissipation Factor (1 MHz)	1.0E-3		ASTM D150

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Recommended distributors for this material

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