

T & T Marketing PR-2003 Black

Polyolefin

T & T Marketing, Inc.

Message:

PR-2003 BLACK is a linear low density polyolefin concentrate which when blended at 5% with HDPE base resin and various moisture cure resins, offers an excellent balance of ultraviolet protection and track resistance.

Applications and Uses

PR-2003 BLACK blended with HDPE base resin can be used as an insulating material for 5 to 15 kV Spacer Cable - Tree Wire. Used for primary and secondary wire insulation for overhead distribution. The blend of PR- 2003 and HDPE is effective in preventing direct shorts and flashovers should tree limbs or other objects come into contact with the conductor.

Tree wire & Spacer Cable

General Information			
Features	Good UV Resistance		
	Low Density		
	Tracking Resistant		
Uses	Insulation		
RoHS Compliance	RoHS Compliant		
Appearance	Black		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Apparent Density	0.70	g/cm ³	ASTM D1895
Melt Mass-Flow Rate (MFR) (190°C/10.0 kg)	160	g/10 min	ASTM D1238
Moisture Content	500	ppm	
Ash Content	26	%	ASTM D1603
Pellet Count	45.0	pellets/g	
Pellet Size			ASTM D1921
#12	0.10	%	
#6 & #8	100	%	
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	177	°C	
Cylinder Zone 2 Temp.	204	°C	
Cylinder Zone 3 Temp.	232	°C	
Cylinder Zone 4 Temp.	246	°C	
Melt Temperature	246	°C	
Die Temperature	246	°C	

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

