

DynaPath™ 435XLPE

Polyethylene
Polymer Dynamix

Message:

Conductive Crosslinked PE

Features:

Conductive

Excellent Chemical Resistance

Low Temperature Properties

Halogen Free

Crosslinkable

Good Processability

Applications:

Automotive

Industrial

Wire and Cable Applications

General Information			
Features	Conductive		
	Crosslinkable		
	Good Chemical Resistance		
	Good Processability		
	Halogen Free		
	Low Temperature Impact Resistance		
Uses	Automotive Applications		
	Industrial Applications		
	Wire & Cable Applications		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40 to 1.45	g/cm ³	ASTM D792
Degree of Crosslinking	60	%	ASTM D2765
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	11.0	MPa	
Break	9.65	MPa	
Tensile Elongation (Break)	> 100	%	ASTM D638
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	< 1.0E+5	ohms	ASTM D257
Volume Resistivity	< 1.0E+5	ohms · cm	ASTM D257

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