



技术数据表

DOW™ Wire & Cable DFDA-1216 NT

Low Density Polyethylene

概述

DOW™ Wire & Cable DFDA-1216 NT is a natural high molecular weight, low density polyethylene. DOW™ Wire & Cable DFDA-1216 NT has been designed for use as a crosslinkable homopolymer for use with organic peroxides. The molecular characteristics of the product provide excellent extrusion processing, high efficiency of crosslinking, and excellent mechanical properties.

可持续性属性:



典型物性

性能项	额定值	单位(英制)	额定值	单位(公制)	测试方法 ¹
密度 / 比重	0.925	g/cm ³	0.925	g/cm ³	ASTM D792
熔流率 (熔体流动速率) (190°C/2.16 kg)	2.4	g/10 min	2.4	g/10 min	ASTM D1238
电气性能	额定值	单位(英制)	额定值	单位(公制)	测试方法
体积电阻率	> 1.0E+15	ohms·cm	> 1.0E+15	ohms·cm	ASTM D257
介电强度	660	V/mil	26	kV/mm	ASTM D149
介电常数 (60 Hz)	2.40		2.40		ASTM D1531
耗散因数 (60 Hz)	3.0E-4		3.0E-4		ASTM D1531
挤出	额定值	单位(英制)	额定值	单位(公制)	测试方法
熔体温度	248 到 266	°F	120 到 130	°C	

挤压说明

DOW™ Wire & Cable DFDA-1216 NT provides an excellent surface finish and outstanding output rates over a broad range of conditions. For optimum results, use melt extrusion temperatures in the suggested range of 248 to 266°F (120 to 130°C) when processed with organic peroxides. However, specific recommendations for processing conditions can be determined only when the application and type of processing equipment are known.

