Dow AXELERON™ CX K-6923 NT A EXP1

High Density Polyethylene Cellular Insulation Compound

陶氏塑料

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Technical Data

产品说明

Dow AXELERON™ CX K-6923 NT A EXP1 是一种高密度聚乙烯材料，用于物理发泡工艺，此工艺需要发泡率高(60 - 80%)。这种材料用于提供由于其挤出压力小而带来的优异的高速生产线的加工性能，以及平滑的绝缘材料表面质量。此外，由于该材料为全配方的预混材料，具备了所有必须的组分，因此它可以为成核剂提供更好的分散，从而达成更高的发泡率和更稳定的加工性能（产能和直径）。该产品经过稳定化处理，以保证其长期性能，并将对信号衰减的影响减低至最小的水平。

加工建议：
DGDK-6923 NT A EXP1 可采用很多种商用气注体系进行加工。

一般情况下，其挤出熔融温度在170 - 190 °C之间。典型的料筒温度取决于挤出机规格和材料结构，一个较好的出发点是：
加料区：140 - 150 °C
过渡区：160 - 170 °C
注射点：180 - 190 °C
计量区：180 - 190 °C
直角机头和口模：180 - 190 °C

应用领域：
典型的应用包括常规75 Ohm CATV 电缆和LAN电缆。

总体

材料状态	• 已商用：当前有效	
资料 [1]	• Technical Datasheet	
搜索 UL 黄卡	• 陶氏塑料	
供货地区	• 非洲和中东	• 欧洲
用途	• Coaxial Cable Insulation • 电线电缆应用	• 绝缘材料 • 通讯器材
形式	• 颗粒料	

物理性能	额定值	单位制	测试方法
密度 [3]	0.948	g/cm³	ISO 1183
熔流率 (140°C/5.0 kg)	5.6	g/10 min	ISO 1133
机械性能	**额定值**	**单位制**	**测试方法**
抗张强度 [4]	20.0	MPa	IEC 60811-1-1
伸长率 [4] (断裂)	1100	%	IEC 60811-1-1
硬度	**额定值**	**单位制**	**测试方法**
支撑硬度 [5] (邵氏 D)	64		ISO 868
热性能	**额定值**	**单位制**	**测试方法**
氧感应时间 - Aluminum pan (200°C)	20	min	IEC 60811-4-2
电气性能	**额定值**	**单位制**	**测试方法**
介电常数 (2.47 GHz)	2.40		IEC 60250
耗散因数 (2.47 GHz)	0.00012		IEC 60250

挤出	额定值	单位制
熔体温度	170 到 190	°C

挤压说明

DGDK-6923 NT A EXP1 can be processed using a range of commercial gas injection systems.
It is normally extruded with a target melt temperature of 170 - 190 °C. Typical barrel temperatures required depend on extruder size and construction being made but a good starting point is:

- Feed zone: 140 - 150 °C
- Transition zone: 160 - 170 °C
- Injection Point: 180 - 190 °C
- Metering zone: 180 - 190 °C
- Cross head and Die: 180 - 190 °C

文件号： TDS-88930-zh

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备注

[1] 通过这些链接您能够访问供应商资料。我们尽量保证及时更新资料；不过您可以从供应商处了解最新资料。

[2] 一般属性：这些不能被视为规格。

[3] On unannealed material of the melt index extrudate

[4] Measured on extruded tape

[5] Measured on compression moulded plaques

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购买地点

供应商

陶氏塑料
Midland, MI USA
电话: 800-441-4369
Web: http://plastics.dow.com/

分销商

请联系供应商以便为 Dow AXELERON™ CX K-6923 NT A EXP1 查找分销商

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