

Arnite® A02 307

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DSM Engineering Plastics

PROSPECTOR®

www.ulprospector.com

Technical Data

产品说明

Low Viscosity, Injection Molding or Extrusion Grade

Special Features:

- Low viscosity

Arnite® (PBT, PET and blends) are high-performance engineering plastics that combine high strength and rigidity with excellent processing characteristics. As a result, Arnite® A (PET) and Arnite® T (PBT) are well suited for a broad range of automotive, electrical & electronic and consumer goods applications.

A wide portfolio of Arnite® is available including unreinforced, reinforced and flame retardant grades.

总体

材料状态	• 已商用：当前有效
资料 ¹	• Processing - Extrusion (English) • Processing - Injection Molding (English) • Technical Datasheet (English)
搜索 UL 黄卡	• DSM Engineering Plastics • Arnite®
供货地区	• 北美洲 • 非洲和中东 • 拉丁美洲 • 欧洲 • 亚太地区
特性	• 低粘度
加工方法	• 挤出 • 注射成型
树脂ID (ISO 1043)	• PET

物理性能	额定值	单位制	测试方法
密度	1.39 g/cm ³		ISO 1183
吸水率 (平衡, 23°C, 50% RH)	0.30 %		ISO 62
粘数	85.0 cm ³ /g		ISO 307
热性能	额定值	单位制	测试方法
熔融温度 ³	255 °C		ISO 11357-3
电气性能	额定值	单位制	测试方法
体积电阻率	> 1.0E+15 ohms·cm		IEC 60093

注射	额定值	单位制
干燥温度	100 到 120 °C	
干燥时间	3.0 到 12 hr	
料筒后部温度	270 到 280 °C	
料筒中部温度	270 到 290 °C	
料筒前部温度	270 到 290 °C	
喷嘴温度	270 到 290 °C	
加工 (熔体) 温度	270 到 290 °C	
模具温度	130 到 140 °C	
注射速度	中等偏快	
背压	3.00 到 10.0 MPa	
螺杆压缩比	2.5:1.0	

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 10°C/min



购买地点

供应商

DSM Engineering Plastics
Evansville, IN USA
电话: 800-333-4237
Web: <http://www.dsmep.com/>

分销商

Chase Plastic Services, Inc.

Chase Plastics Services is a North American distributor with representatives throughout the region. Please find your rep here:
<http://www.chaseplastics.com/contact/locations>
电话: 800-232-4273
Web: <http://www.chaseplastics.com/>
供货地区: North America

Nexeo Solutions - Europe

Nexeo Solutions is a Pan European distribution company. Contact Nexeo for availability of individual products by country.
电话: +34-93-480-9125
Web: <http://www.nexeosolutions.com/>
供货地区: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Ireland, Italy, Luxembourg, Netherlands, Norway, Poland, Portugal, Russian Federation, Spain, Sweden, Switzerland, United Kingdom

RESINEX Group

RESINEX is a Pan European distribution company. Contact RESINEX for availability of individual products by country.
电话: +32-14-672511
Web: <http://www.resinex.com/>
供货地区: Europe

TER HELL PLASTIC GMBH

TER HELL PLASTIC is a Pan European distribution company. Contact TER HELL PLASTIC for availability of individual products by country.
电话: +49-232-3941-0
Web: <http://www.terhell.de/>
供货地区:

广州三聚化工科技有限公司

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Web: <http://3polymer.com>
供货地区: China

