

Talcoprene® 1040TC NAT

聚丙烯均聚物

Celanese SO.F.TER.

PROSPECTOR®

www.ulprospector.com

Technical Data

Product Description

Polypropylene homopolymer, 40% mineral filled

General

Material Status	• 已商用：当前有效
资料 ¹	• Technical Datasheet (English)
搜索 UL 黄卡	• Celanese SO.F.TER. • Talcoprene®
Availability	• 北美洲 • 拉丁美洲 • 欧洲
Filler / Reinforcement	• 矿物填料, 40% Filler by Weight
Features	• 均聚物
Agency Ratings	• EC 1907/2006 (REACH)
Appearance	• 自然色
Processing Method	• 注射成型

Physical	额定值 单位制	测试方法
Density / Specific Gravity	1.24 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10 g/10 min	ASTM D1238
Molding Shrinkage	1.1 %	Internal Method
Water Absorption (24 hr, 23°C)	0.050 %	ASTM D570
灰份含量	40 %	Internal Method

Mechanical	额定值 单位制	测试方法
Tensile Strength (断裂)	29.0 MPa	ASTM D638
Flexural Modulus	3400 MPa	ASTM D790
Flexural Strength	47.0 MPa	ASTM D790

Impact	额定值 单位制	测试方法
Notched Izod Impact (23°C)	27 J/m	ASTM D256

Thermal	额定值 单位制	测试方法
Deflection Temperature Under Load 1.8 MPa, 未退火	70.0 °C	ASTM D648
Vicat Softening Temperature	98.0 °C	ASTM D1525 ³
CLTE - 流动	8.0E-5 cm/cm/°C	ASTM D696

Electrical	额定值 单位制	测试方法
Surface Resistivity	1.0E+13 ohms	ASTM D257
Dielectric Constant (1 kHz)	2.50	ASTM D150
Comparative Tracking Index	600 V	IEC 60112

Flammability	额定值 单位制	测试方法
Flame Rating (3.2 mm)	HB	UL 94

Injection	额定值 单位制
Drying Temperature	80 °C
Drying Time	2.0 hr
Rear Temperature	190 °C
Middle Temperature	210 °C
Front Temperature	230 °C
Mold Temperature	50 到 70 °C

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 速率 A (50°C/h), 载荷 2 (50N)



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购买地点

供应商

Celanese SO.F.TER.

Forlì, FC Italy

电话: +39-543-790411

Web: <http://www.softergroup.com/>

分销商

GAZECHIM PLASTIQUES

GAZECHIM PLASTIQUES is a Pan European distribution company. Contact GAZECHIM PLASTIQUES for availability of individual products by country.

电话: +33-4-67-49-55-37

Web: <http://www.gazechim.com/>

供货地区: Belgium, France, Netherlands, Romania, Spain, United Kingdom

SNETOR Distribution

SNETOR Distribution is a Pan European distribution company. Contact SNETOR for availability of individual products by country.

电话: +33-1-4904-8888

Web: <http://www.snetor.com/>

供货地区: Czech Republic, France, Hungary, Poland, Slovenia, Ukraine, United Kingdom

