

N101 規格物性表

| 物理特性 | Properties | 單位 | | 產品 ASTM 名稱 | N101 |
|-----------|--|---------------------------|------------------------|---------------|----------------------|
| 抗張強度 | Tensile Strength | Kg/cm ² | | D-638 | 690 |
| 抗張模數 | Tensile Modulus | Kg/cm ² | | | --- |
| 伸長率 | Elongation | % | | | 45 |
| 抗折強度 | Flexural Strength | Kg/cm ² | | D-790 | 850 |
| 抗折模數 | Flexural Modulus | Kg/cm ² | | | 25500 |
| 衝擊強度 | Izod Impact strength (Notched: 1/8") | Kg-cm/cm | RT | 射出 | 5.0 |
| | | | 0°C | D-256 | --- |
| | | | -20°C | | --- |
| | | | -40°C | | --- |
| 熱變形 溫度 | Heat Distortion Temperature | °C | 4.5kg/cm ² | D-648 | 165 |
| | | | 18.5kg/cm ² | | 55 |
| 流動指數 | Melt Index | G/10min 235°C / 2.16kg | | D-1238 | 25 |
| 硬度 | Hardness | Rockwell R | | D-785 | R117 |
| | | H | | | --- |
| | | Shore | A | D-2240 | --- |
| D | | | 80 | | |
| 模縮率 | Mold shrinkage | cm/cm | | D-955 | 1.6*10 ⁻² |
| 比重 | Specific Gravity | | | D-792 | 1.12 |
| 灰份 | Filler Content | % | | D-2548 | --- |
| 耐燃性 | Flammability | | | UL-94 | --- |

本表所列數據僅供參考用

THE DATA SHEET ARE OUR STANDARD VALUE BUT NOT SPECIFICATIONS
 GUARANTEED



Test Report

GOOD F ENTERPRISE CO., LTD.
3F-1, NO. 116, TA TUN 20TH ST., HSI TUN DIST.,
TAICHUNG, TAIWAN, R. O. C.

Report No. : CE/2006/52455
Date : 2006/05/16
Page : 1 of 4

The following merchandise was (were) submitted and identified by the client as :

Type of Product : NYLON 6 RESIN, NATURAL
Style/Item No : N101
Sample Received : 2006/5/9
Testing Date : 2006/5/9 TO 2006/05/16

=====
Test Result : - Please see the next page -


Daniel Yeh, M.R. / Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.

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Test Result

PART NAME NO.1 : TRANSLUCENT-WHITE PLASTIC PELLETS - N101
(NATURAL COLOR)

| Test Item (s): | Unit | Method | MDL | Result | |
|---|------|---|---|--------|------|
| | | | | No. 1 | |
| Monobromobiphenyl | % | With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC) | 0.0005 | N.D. | |
| Dibromobiphenyl | % | | 0.0005 | N.D. | |
| Tribromobiphenyl | % | | 0.0005 | N.D. | |
| Tetrabromobiphenyl | % | | 0.0005 | N.D. | |
| Pentabromobiphenyl | % | | 0.0005 | N.D. | |
| Hexabromobiphenyl | % | | 0.0005 | N.D. | |
| Heptabromobiphenyl | % | | 0.0005 | N.D. | |
| Octabromobiphenyl | % | | 0.0005 | N.D. | |
| Nonabromobiphenyl | % | | 0.0005 | N.D. | |
| Decabromobiphenyl | % | | 0.0005 | N.D. | |
| Total FBBs (Polybrominated biphenyls)/Sum of above | % | | - | N.D. | |
| Monobromobiphenyl ether | % | | With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC) | 0.0005 | N.D. |
| Dibromobiphenyl ether | % | | | 0.0005 | N.D. |
| Tribromobiphenyl ether | % | 0.0005 | | N.D. | |
| Tetrabromobiphenyl ether | % | 0.0005 | | N.D. | |
| Pentabromobiphenyl ether | % | 0.0005 | | N.D. | |
| Hexabromobiphenyl ether | % | 0.0005 | | N.D. | |
| Heptabromobiphenyl ether | % | 0.0005 | | N.D. | |
| Octabromobiphenyl ether | % | 0.0005 | | N.D. | |
| Nonabromobiphenyl ether | % | 0.0005 | | N.D. | |
| Decabromobiphenyl ether | % | 0.0005 | | N.D. | |
| Total PBBEs(PBDEs) (Polybrominated biphenyl ethers)/Sum of above | % | - | | N.D. | |
| Total of Mono to Nona-brominated biphenyl ether. (Note 4) | % | - | | N.D. | |

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| Test Item (s): | Unit | Method | MDL | Result |
|--------------------|------|--|-----|--------|
| | | | | No.1 |
| Chromium VI (Cr+6) | ppm | UV-VIS(US EPA 7196A) after reference to US EPA 3060A. | 2 | N.D. |
| Cadmium (Cd) | ppm | ICP-AES after reference to EN 1122, method B:2001 or other acid digestion. | 2 | N.D. |
| Mercury (Hg) | ppm | ICP-AES after reference to US EPA 3052 or other acid digestion. | 2 | N.D. |
| Lead (Pb) | ppm | ICP-AES after reference to US EPA 3050B or other acid digestion. | 2 | N.D. |

- NOTE: (1) N.D. = Not detected (<MDL)
(2) ppm = mg/kg
(3) MDL = Method Detection Limit
(4) Decabromobiphenyl ether (DecaBDE) in polymeric applications is exempted by
Commission Decision of 13 Oct 2005 amending Directive 2002/95/EC notified
under document 2005/717/EC.
(5) PBBEs=PBDEs=Polybrominated Diphenyl Ethers=PBDOs=PBBOs.
(6) " - " = Not Regulation

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