



武汉东南祥泰化工有限公司

Wuhan southeast cheung tai chemical co., LTD

热塑性聚酯弹性体

thermoplastic polyester elastomer

产品信息

Product Information

南泰™ XT-G3140

| 材料名称 Material                     |                              | 热塑性聚酯弹性体 TPEE      | 牌 号 Grade        | XT-G3140          |            |
|-----------------------------------|------------------------------|--------------------|------------------|-------------------|------------|
| 颜 色 Color                         |                              | 本 色 Nature         | 用 途 Application  |                   |            |
| 检验项目 Properties                   |                              |                    | 检验标准 Test Method | 单位 Unit           | 技术指标 Value |
| 流变性<br>Rheological<br>property    | 温度                           |                    |                  | ℃                 | 230        |
|                                   | 熔体流动速率 (230℃,2.16kg)         | The melt flow rate | ISO 1133         | g/cm <sup>3</sup> | 14         |
|                                   | 负苛                           |                    |                  | kg                | 2.16       |
| 机械性能<br>Mechanical<br>properties  | 硬度 Hardness after (3S)       |                    | ISO 868          | Shore D           | 40         |
|                                   | 硬度 Hardness after (max).     |                    | ISO 868          | Shore D           | 41         |
|                                   | 硬度 Hardness after (min).     |                    | ISO 868          | Shore D           | 34         |
|                                   | 拉伸强度 Tensile Strength        |                    | ISO 527-1        | MPa               | 22         |
|                                   | 撕裂强度 Initial Tear Resistance |                    | ISO 34           | KN`m-1            | 103        |
|                                   | 断裂伸长率 Elongation at Break    |                    | ISO 527-1        | %                 | 865        |
|                                   | 弯曲模量 Flexural Modulus        |                    | ISO 178          | MPa               | 62         |
|                                   | 10%应变时的应力                    |                    | ISO527-1/-2      | Mpa               | 3.5        |
|                                   | 应力@50%应变                     |                    | ISO527-1/-2      | Mpa               | 6.3        |
|                                   | 100%应变时的应力                   |                    | ISO527-1/-2      | Mpa               | 7.9        |
|                                   | 简支梁缺口冲击强度 (+23℃)             |                    | ISO179/1eA       | KJ/m <sup>2</sup> | N          |
|                                   | 简支梁缺口冲击强度 (-30℃)             |                    | ISO179/1eA       | KJ/m <sup>2</sup> | N          |
|                                   | 悬臂梁缺口冲击强度 (23℃)              |                    | ISO180/1A        | KJ/m <sup>2</sup> | N          |
| 热 性 能<br>Thermalperf<br>ormance   | 熔融温度 (10℃/min)               |                    | ISO11357-1/-3    | ℃                 | 178.9      |
|                                   | 结晶温度                         |                    | ISO11357-1/-3    | ℃                 | 113.2      |
|                                   | 线性膨胀系数 (平行)                  |                    | ISO11359-1/-2    | E-4/℃             | 2.2        |
| 电性能<br>Electrical pe<br>rformance | 体积电阻 Volume resistivi        |                    | IEC 60093        | Ohm*m             | 5EM12      |
|                                   | 表面电阻 Surface resistance      |                    | IEC 60093        | Ohm               | 1EM15      |
| 其它性能<br>Other<br>lperformanc      | 密度 Specific Gravity          |                    | ISO1183          | g/cm <sup>3</sup> | 1.15       |
|                                   | 吸水性 Water Absorption         |                    | ISO62            | %                 | 0.5        |

以上数据以我公司本色 TPEE 产品为测试基础，均为典型值。

The data provided are the typical ranges of product properties. They should not be used to establish specification limits or used alone as the basis of design and are not intended to substitute for any testing necessary to be done by the customer

|                                              |                                                                                                                                                                                             |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 产品外观<br>Appearance                           | 外观颜色均匀，无色斑，无污染，颗粒大小均匀。<br>Supplied in cylindrical pellets free from contamination, fines and other defects.                                                                                 |
| 包装、运输及贮存<br>Packing,Transportation & Storage | 包装：每袋 25Kg，纸塑复合袋。<br>运输及贮存：贮存于阴凉干燥处，按非危险品运输。<br>Packaging: 25Kg per bag, using paper bag.<br>Transport and Storage:Need to store at cool and dry place. Transported as non-dangerous goods. |