

Food HIPS POLYREX® PH-55Y

产品叙述: Medium impact

| 物性 | ISO 测试方法 | 测试条件 | 单位 | PH-55Y |
|-------------|----------|---------------------------|-------------------|----------------------|
| 熔融指数 | 1133 | 200°C×5KG | ml/10 min | 9 |
| 比重 | 1183 | 23 °C | g/cm ³ | 1.05 |
| 拉伸强度 | 527 | 50 mm/min, yield | MPa | 27 |
| | | 50 mm/min, break | MPa | 25 |
| 延伸率 | 527 | 50 mm/min | % | 45 |
| 弯曲强度 | 178 | 2 mm/min | MPa | 38 |
| 弯曲弹性模数 | | 2 mm/min | GPa | 1.3 |
| IZOD 冲击强度 | 180/1A | 23°C, Notched | KJ/m ² | 7 |
| | | -30°C, Notched | KJ/m ² | 3 |
| Charpy 冲击强度 | 179 | 23°C, Notched | KJ/m ² | 6 |
| | | Charpy '-30°C, Notched | KJ/m ² | 3.6 |
| 维氏软化温度 | 306 | 50°C/hr;1KG | °C | 94 |
| | | 50°C/hr;5KG | °C | 87 |
| 热变形温度 | 75/A | 1.8MPa, unannealed | °C | 74 |
| | | 1.8MPa, annealed | °C | 87 |
| 线膨胀系数 | 11359 | - | - | 4~6x10 ⁻⁵ |
| 燃烧等级 | - | UL-94 | - | 1.5mm HB |
| 成型收缩率 | 294-4 | - | % | 0.4~0.7 |
| 标记 | 1043 | - | - | >PS-HI< |

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Notes: These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

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