

# Axiall PVC 22840

Flexible Polyvinyl Chloride

Axiall Corporation

Message:

Non-lead stabilized, Category 5, flexible CMR jacket over HDPE inners

| General Information                                                  |                 |                   |             |
|----------------------------------------------------------------------|-----------------|-------------------|-------------|
| Uses                                                                 | Cable Jacketing |                   |             |
| Wire Types                                                           | CMR             |                   |             |
| Physical                                                             | Nominal Value   | Unit              | Test Method |
| Specific Gravity                                                     | 1.48 to 1.52    | g/cm <sup>3</sup> | ASTM D792   |
| Hardness                                                             | Nominal Value   | Unit              | Test Method |
| Durometer Hardness (Shore A)                                         | 81 to 87        |                   | ASTM D2240  |
| Mechanical                                                           | Nominal Value   | Unit              | Test Method |
| Tensile Strength                                                     |                 |                   | ASTM D638   |
| --                                                                   | 15.2            | MPa               |             |
| 100% Strain                                                          | 9.17            | MPa               |             |
| Tensile Elongation (Break)                                           | 300             | %                 | ASTM D638   |
| Aging                                                                | Nominal Value   | Unit              | Test Method |
| Change in Ultimate Elongation in Air <sup>1</sup><br>(100°C, 240 hr) | -22             | %                 | UL 1581     |
| Thermal                                                              | Nominal Value   | Unit              | Test Method |
| Brittleness Temperature                                              | -28.0           | °C                | ASTM D746   |
| Flammability                                                         | Nominal Value   | Unit              | Test Method |
| Oxygen Index                                                         | 37              | %                 | ASTM D2863  |
| Extrusion                                                            | Nominal Value   | Unit              |             |
| Melt Temperature                                                     | 185             | °C                |             |
| NOTE                                                                 |                 |                   |             |

1. 30 mil slabs

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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