

# S&E; PVC GPT 45

Polyvinyl Chloride  
S&E; Specialty Polymers, LLC

Message:

S & E PVC GPT 45 is a PVC product. It is available in North America. Typical application areas are: wire and cable. The main features are: flame retardant.

| General Information                                   |                             |                   |             |
|---|-----------------------------|-------------------|-------------|
| Features  | Low smoke                   |                   |             |
|   | Flame retardancy            |                   |             |
| Uses  | Wire and cable applications |                   |             |
|   | Wire sheath                 |                   |             |
| Appearance  | Available colors            |                   |             |
|   | Natural color               |                   |             |
| Forms   | Particle                    |                   |             |
| Physical  | Nominal Value               | Unit              | Test Method |
| Specific Gravity                                      | 1.66                        | g/cm <sup>3</sup> | ASTM D792   |
| Hardness  | Nominal Value               | Unit              | Test Method |
| Durometer Hardness (Shore A, 3 sec)                   | 73                          |                   | ASTM D2240  |
| Mechanical  | Nominal Value               | Unit              | Test Method |
| Tensile Strength                                      | 21.0                        | MPa               | ASTM D638   |
| Tensile Elongation (Break)                            | 210                         | %                 | ASTM D638   |
| Thermal   | Nominal Value               | Unit              | Test Method |
| Brittleness Temperature                               | -6.00                       | °C                | ASTM D746   |
| Electrical  | Nominal Value               | Unit              | Test Method |
| Dielectric Constant (23°C, 1 kHz)                     | 3.65                        |                   | ASTM D150   |
| Flammability  | Nominal Value               | Unit              | Test Method |
| Oxygen Index  | 50                          | %                 | ASTM D2863  |
| Additional Information                                |                             |                   |             |
| Burn Rating, UL-94: 910Oxygen Index, ASTM D2863: >50% |                             |                   |             |

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