

# Sylvin 6250-82 Black

Polyvinyl Chloride  
Sylvin Technologies Incorporated

Message:

Sylvin 6250-82 Black Is A RoHS And Reach Compliant Vinyl Compound Formulated For Jacketing Applications That Require Better Oil Resistance Than 6249-82 Black.

| General Information        |                             |                   |             |
|----------------------------|-----------------------------|-------------------|-------------|
| Features                   | Flame retardancy            |                   |             |
| Uses                       | Cable sheath                |                   |             |
|                            | Wire and cable applications |                   |             |
| Agency Ratings             | EC 1907/2006 (REACH)        |                   |             |
| RoHS Compliance            | RoHS compliance             |                   |             |
| Appearance                 | Black                       |                   |             |
| Processing Method          | Extrusion                   |                   |             |
| Physical                   | Nominal Value               | Unit              | Test Method |
| Specific Gravity           | 1.30                        | g/cm <sup>3</sup> | ASTM D792   |
| Hardness                   | Nominal Value               | Unit              | Test Method |
| Durometer Hardness         |                             |                   | ASTM D2240  |
| Shaw A                     | 82                          |                   | ASTM D2240  |
| Shaw A, 10 seconds         | 82                          |                   | ASTM D2240  |
| Mechanical                 | Nominal Value               | Unit              | Test Method |
| Tensile Strength (Break)   | 16.9                        | MPa               | ASTM D638   |
| Tensile Elongation (Break) | 400                         | %                 | ASTM D638   |
| Elastomers                 | Nominal Value               | Unit              | Test Method |
| Tear Strength              | 70.1                        | kN/m              | ASTM D624   |
| Thermal                    | Nominal Value               | Unit              | Test Method |
| Continuous Use Temperature | 90.0                        | °C                | ASTM D794   |
| Brittleness Temperature    | -26.0                       | °C                | ASTM D746   |
| Melting Temperature        | 166 - 177                   | °C                |             |
| Flammability               | Nominal Value               | Unit              | Test Method |
| Oxygen Index               | 29                          | %                 | ASTM D2863  |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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

