# Bolv PVC

Polyvinyl Chloride

Shandong Jining Bolv Chemicals Co.,Ltd

## Message:

Bolv PVC is a Polyvinyl Chloride material. It is available in Asia Pacific.

| General Information | | | |
|---|---|---|---|
| Appearance | White | | |
| Forms | Granules | | |
| **Physical** | **Nominal Value** | **Unit** | **Test Method** |
| Density [1] | < 1.45 | g/cm³ | ASTM D1505 |
| **Hardness** | **Nominal Value** | **Unit** | **Test Method** |
| Durometer Hardness [2] (Shore A) | < 80 | | ASTM D2240 |
| **Mechanical** | **Nominal Value** | **Unit** | **Test Method** |
| Tensile Strength [3] | > 15.0 | MPa | ASTM D638 |
| Tensile Elongation | | | ASTM D638 |
| Break [4] | > 310 | % | |
| Break | > 180 | % | |
| **Aging** | **Nominal Value** | **Unit** | **Test Method** |
| Change in Tensile Strength (100°C, 168 hr) | < 20 | % | ASTM D471 |
| Change in Ultimate Elongation (100°C, 168 hr) | < 20 | % | ASTM D471 |
| **Thermal** | **Nominal Value** | **Unit** | |
| Hot Deformation [5] | < 50 | % | |
| Low Temperature Brittleness [6] | -20 | °C | |
| Thermal Stability [7] (200°C) | > 50 | min | |
| Weight Loss on Heating [8] | < 23 | g/m² | |
| **Electrical** | **Nominal Value** | **Unit** | **Test Method** |
| Volume Resistivity [9] (20°C) | > 1.0E+10 | ohms·cm | ASTM D257 |
| Dielectric Strength [10] | > 18 | kV/mm | ASTM D149 |
| **Flammability** | **Nominal Value** | **Unit** | **Test Method** |
| Oxygen Index [11] | > 30 | % | ASTM D2863 |
| **NOTE** | | | |
| 1. | Aged for 168 hr at 100°C | | |
| 2. | Aged for 168 hr at 100°C | | |
| 3. | Aged for 168 hr at 100°C | | |
| 4. | Aged for 168 hr at 100°C | | |
| 5. | Aged for 168 hr at 100°C | | |
| 6. | Aged for 168 hr at 100°C | | |
| 7. | Aged for 168 hr at 100°C | | |

| | |
|---|---|
| 8. | Aged for 168 hr at 100°C |
| 9. | Aged for 168 hr at 100°C |
| 10. | Aged for 168 hr at 100°C |
| 11. | Aged for 168 hr at 100°C |



Recommended distributors for this material

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