Boly PVC

Polyvinyl Chloride

Shandong Jining Bolv Chemicals Co.,Ltd

Message:

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

Appearance White Forms Granules Physical Nominal Value Unit Test Method Density 1 < 1.45	General Information			
Physical Nominal Value Unit Test Method Density ¹ < 1.45	Appearance	White		
Density¹ < 1.45 g/cm³ ASTM D1505 Hardness Nominal Value Unit Test Method Durometer Hardness² (Shore A) < 80 ————————————————————————————————————	Forms	Granules		
Hardness Nominal Value Unit Test Method Durometer Hardness² (Shore A) < 88	Physical	Nominal Value	Unit	Test Method
Durometer Hardness² (Shore A) 480 Lonit Test Method Mechanical Nominal Value Unit Test Method Tensile Strength³ > 15.0 MPa ASTM DG38 Tensile Elongation - 180 % ASTM DG38 Break⁴ > 310 % Test Method Aging Nominal Value Unit Test Method Change in Tensile Strength (100°C, 168 h) < 20	Density ¹	< 1.45	g/cm³	ASTM D1505
Mechanical Nominal Value Unit Test Method Tensile Strength 3 > 15.0 MPa ASTM D638 Tensile Elongation - 310 % Break 4 > 310 % Aging Nominal Value Unit Test Method Change in Tensile Strength (100°C, 168 hr) < 20	Hardness	Nominal Value	Unit	Test Method
Pensile Strength	Durometer Hardness ² (Shore A)	< 80		ASTM D2240
Tensile Elongation Break ⁴ > 310 % Break ⁴ > 180 % Aging Nominal Value Unit Test Method Change in Tensile Strength (100°C, 168 hr) < 20	Mechanical	Nominal Value	Unit	Test Method
Break > 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 Tentral Stability 7 (200°C) < 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 D263 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 **<	Tensile Strength ³	> 15.0	MPa	ASTM D638
Break > 180 % Aging Nominal Value Unit Test Method Change in Tensile Strength (100°C, 168 hr) < 20	Tensile Elongation			ASTM D638
Aging Nominal Value Unit Test Method Change in Tensile Strength (100°C, 168 In) < 20	Break ⁴	> 310	%	
Change in Tensile Strength (100°C, 168 hr) < 20	Break	> 180	%	
Change in Ultimate Elongation (100°C, 168 hr at 100°C 4 ASTM D471 Change in Ultimate Elongation (100°C, 168 hr at 100°C 4 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 D263 NOTE 1. Aged for 168 hr at 100°C Aged for 168 hr at 100°C 2. Aged for 168 hr at 100°C Location of the properties of the p	Aging	Nominal Value	Unit	Test Method
hr) < 20 % ASTM D471 Thermal Nominal Value Unit Hot Deformation 5 < 50	Change in Tensile Strength (100°C, 168 hr)	< 20	%	ASTM D471
Hot Deformation 5 Low Temperature Brittleness 6 -20 Thermal Stability 7 (200°C) \$ 50 min Weight Loss on Heating 8 -23 Wominal Value Volume Resistivity 9 (20°C) -10E+10 Wominal Value Volume Resistivity 9 (20°C) -18 Wominal Value -19 Wominal Va		< 20	%	ASTM D471
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 6. Aged for 168 hr at 100°C	Thermal	Nominal Value	Unit	
Thermal Stability 7 (200°C)> 50minWeight Loss on Heating 8< 23g/m²ElectricalNominal ValueUnitTest MethodVolume Resistivity 9 (20°C)> 1.0E+10ohms·cmASTM D257Dielectric Strength 10> 18kV/mmASTM D149FlammabilityNominal ValueUnitTest MethodOxygen Index 11> 30%ASTM D2863NOTEAged for 168 hr at 100°C2.Aged for 168 hr at 100°C3.Aged for 168 hr at 100°C4.Aged for 168 hr at 100°C5.Aged for 168 hr at 100°C5.Aged for 168 hr at 100°C6.Aged for 168 hr at 100°C	Hot Deformation ⁵	< 50	%	
Weight Loss on Heating 8< 23g/m²ElectricalNominal ValueUnitTest MethodVolume Resistivity 9 (20°C)> 1.0E+10ohms·cmASTM D257Dielectric Strength 10> 18kV/mmASTM D149FlammabilityNominal ValueUnitTest MethodOxygen Index 11> 30%ASTM D2863NOTEAged for 168 hr at 100°C2.Aged for 168 hr at 100°C3.Aged for 168 hr at 100°C4.Aged for 168 hr at 100°C5.Aged for 168 hr at 100°C5.Aged for 168 hr at 100°C6.Aged for 168 hr at 100°C	Low Temperature Brittleness ⁶	-20	°C	
ElectricalNominal ValueUnitTest MethodVolume Resistivity 9 (20°C)> 1.0E+10ohms·cmASTM D257Dielectric Strength 10> 18kV/mmASTM D149FlammabilityNominal ValueUnitTest MethodOxygen Index 11> 30%ASTM D2863NOTE1.Aged for 168 hr at 100°C2.Aged for 168 hr at 100°C3.Aged for 168 hr at 100°C4.Aged for 168 hr at 100°C5.Aged for 168 hr at 100°C6.Aged for 168 hr at 100°C	Thermal Stability ⁷ (200°C)	> 50	min	
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	Weight Loss on Heating ⁸	< 23	g/m²	
Dielectric Strength 10> 18kV/mmASTM D149FlammabilityNominal ValueUnitTest MethodOxygen Index 11> 30%ASTM D2863NOTE1.Aged for 168 hr at 100°C2.Aged for 168 hr at 100°C	Electrical	Nominal Value	Unit	Test Method
Flammability Nominal Value Unit Test Method 0xygen Index 111 > 30 % ASTM D2863 NOTE 1. Aged for 168 hr at 100°C	Volume Resistivity ⁹ (20°C)	> 1.0E+10	ohms·cm	ASTM D257
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	Dielectric Strength ¹⁰	> 18	kV/mm	ASTM D149
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	Flammability	Nominal Value	Unit	Test Method
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	Oxygen Index ¹¹	> 30	%	ASTM D2863
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	NOTE			
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	1.	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	2.	Aged for 168 hr at 100°C		
5. Aged for 168 hr at 100°C 6. Aged for 168 hr at 100°C	3.	Aged for 168 hr at 100°C		
6. Aged for 168 hr at 100°C	4.	Aged for 168 hr at 100°C		
	5.	Aged for 168 hr at 100°C		
7. 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

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

