



System Certification: ISO9001: 2015 / ISO14001: 2015 CERTIFIED

Quality Management Standard: GB/T19001-2016 / ISO9001:2015 Compliant

1. PRODUCT SPECIFICATIONS: HETEROGENEOUS PVC FLOORING

Characteristics / Index	Testing Standard	Value / Result
Type of Flooring	EN649	Heterogeneous Sheet
Total Thickness	EN428	1.0 mm
Weight	EN430	1250g/m ²
Width	EN426	2m
Length Sheet	EN426	25m
Fire Rating	GB 8624-2012	B1(Bf1-s1)
Toxic Testing	GB 18586-2001	Good
Electrical Resistance	EN1081	$\leq 10^9$
Slip Resistance Dry	EN13893	≥ 0.3
Slip Resistance Wet	EN51 130	R9
Abrasion Group	EN660-2	T
Castor Wheel Test	EN425	Suitable
Color Fastness	EN 20 105-B02	6
Chemical Products Resistance	EN423	Good
Dimensional Stability	EN434	≤ 0.40
Flexibility	EN435	Excellent
Hygiene Treatment	MRSA	Very Good
Impact Sound Reduction	ENISO717/12	Approx. +4dB
Indentation	EN433	&subst; 0.05mm
Residual Indentation	EN433	$\leq 0.03 \sim 0.1mm$
Surface Treatment	—	UV
Curl Resultant to Heat	EN434	1mm
Anti-bacterial & Fungicidal	—	Good
VOC	GB18586	Pass

2. PRODUCT CHARACTERISTICS (FILM COMPONENTS)

Characteristics	Unit / Value
Thickness Average value	6.2 - 7.2 μm
Individual values	Conformant
Weight	93.6 g/m^2
Plasticized level (DINP)	ND (Not Detected)
Circumference	1000 / 1270 / 1580mm
Shrinkage (10min/100°C)	3.20% Length direction / Cross direction
Tensile strength	69Mpa (N/mm^2) Machine direction / Cross direction
Tear Resistance	37Mpa (N/mm^2) Machine direction / Cross direction
Total width	1000mm
Printing width	980mm - 985mm
Length of the rolls	Nominal Minimum: 1000m
Printing elongation machine direction	0.20%
Design/color conformity	95% - 100%
Blurring / white stripes	ND
Printed face	Standard face orientation
Cardboard core internal diameter	75mm
Cardboard core length	1000mm
Thermal resistance (1min/ 50°C)	Strong
Colour fastness	Strong
Joint	< 2

3. SUPPLEMENTARY POLYMER & SYSTEM SPECIFICATIONS

3.1 Core System Parameters

Index	Result
Volatile %	≤ 2.0
Melting point °C	≥ 80
Bulk density g/cm^3	0.9 - 1.0

Index	Result
Sieve residue (Mesh 30) %	≤ 2.0
Volatile %	≤ 1.0
Apparent density g/cm^3	0.5 ± 0.05

Index	Result
Sieve residue (Mesh 30) %	≤ 2.0
Volatile %	≤ 1.5
Apparent density g/cm ³	0.4 ± 0.05

Index	Result
Acidity mg KOH/g	< 5
Density g/cm ³	0.8 ~ 0.85
Melt point °C	55 ~ 60

Index	Test Standard	Result
Dropping point °C	ASTM D3954	105 - 110
Viscosity cps@140°C cP	ASTM D3236	10-20
Density @ 25°C g/cm ³	ASTM D1505	0.92 - 0.94
Penetration 25@°C d.mm	ASTM D1321	2 - 4

4. QUALITY MANAGEMENT SYSTEM CERTIFICATE

