



Green PVC

PVC COMPOUND MANUFACTURER



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VC COMPOUND



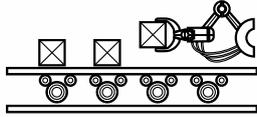
INTRODUCTION





Green PVC is the plastics division of Nhat Huy Group bringing you the highest quality PVC Compound for industrial applications.

Our Parent corporation Nhat Huy Group provides Green PVC the experience and financial stability, with over 20 years of experience, 12 company members and more than 1500 employees.



10 Productions line



5ha new factory



3000MT of capacity monthly

OUR FACTORY

After much excitement, planning, and anticipation, we are delighted to announce we are expanding our operations to a new and improved manufacturing factory. This incredible new facility is located at Thuy Van Industrial Park, Viet Tri City, Phu Tho Province, just a stone's throw away from our old factory. It provides a plethora of spacious, modern amenities and increased capacity, allowing us to further push boundaries and revolutionize the manufacturing industry. This step towards the future will lead our company to greater heights.



Certificates & Test reports



PVC products support making your daily life rich through communication and power cables, construction materials and auto interior/exterior parts, daily goods, home electronics and even medical applications for protecting human life.



To manufacture such products, compounds are indispensable.



Wires and Cables



UPVC Fittings & Injection Moulding



Hoses and Tubes



Medical industry



Footwear Industry



Other Applications

PRODUCTS

A VARIETY OF COMPOUNDS[®]

Green PVC is a specialized manufacturer of compounds, producing a variety of compounds each of which has properties suitable for different uses.

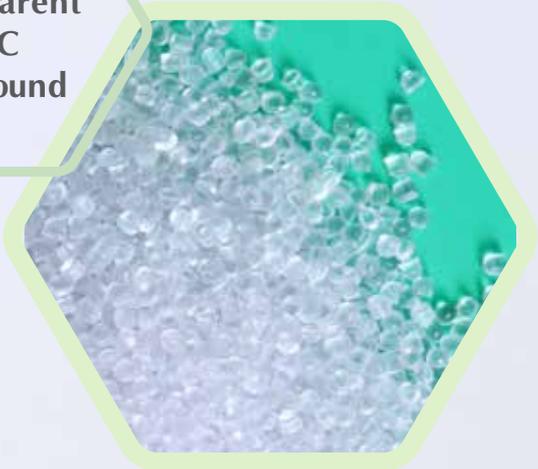
Green PVC



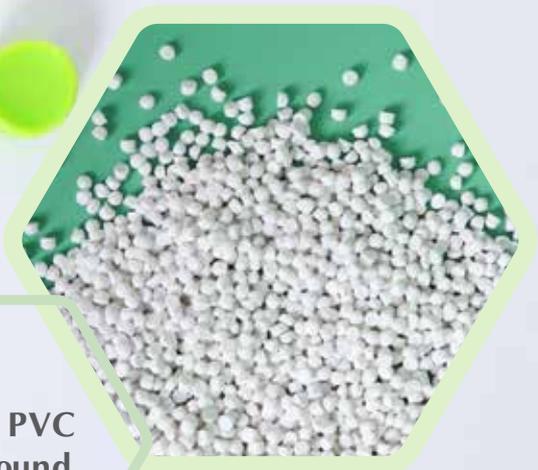
**Flexible PVC
compound**



**Transparent
PVC
compound**



**Rigid PVC
compound**



PVC for Wire & Cable

Features

- * Lead-free
- * Plasticized
- * Flame Retardant
- * Low temperatures Resistant
- * Semi-Rigid
- * Fungus Resistant
- * Oil Resistant
- * Heat Resistant
- * Sunlight Resistant (720 hours)

Performance Standards

- * EC 1907/2006 (REACH)
- * RoHS compliant
- * OEHHA (California) Proposition 65
- * UL 94
- * UL 83
- * UL QMTT2
- * UL 758



Application	Grade	Standard		Hardness Shore A	Density at 23 °C Tensile Strength (Mpa)	Without Ageing	
		IEC	BS			Tensile Strength (Mpa)	Elongation at break (%)
						ASTM D792	IEC811-1-1
Appliance Wire Insulation	NHMD1057	PVC/D	Ti1	86 - 94	1.49 - 1.62	18.5	235.8
	NHMD757	PVC/D	Ti1	86 - 94	1.49 - 1.62	19.8	235.8
	NHMD647	PVC/D	Ti1	86 - 94	1.49 - 1.62	19.2	275.6
	NHMD837	PVC/D	Ti2	79 - 87	1.44 - 1.75	15.8	268.3
	NHMD627	PVC/D	Ti2	79 - 87	1.44 - 1.75	14.2	298.6
Appliance Wire Sheathing/ Jacket	NHMD1057	ST5	TM1	86 - 94	1.49 - 1.62	18.5	235.8
	NHMD857	ST5	FR-ST1	86 - 94	1.49 - 1.62	19.8	245.9
	NHMD1937	ST5	TM2	79 - 87	1.44 - 1.75	10.5	225.6
	NHMD637	ST5	TM2	79 - 87	1.44 - 1.75	17.2	278.5
Low Voltage Power Sheathing/ Jacketing	NHMD647	ST1		86 - 90	1.46 - 1.50	19.8	288.6
	NHMD649	ST2, Type 9		86 - 90	1.46 - 1.50	18.8	275.8
Flame Retardant Cable Sheathing/ Jacketing	NHFR647	FR-ST1		86 - 92	1.47 - 1.51	18.8	250.7
	NHFR649	FR-ST2, Type 9		88 - 92	1.47 - 1.51	17.8	279.5
	NHFRLS559	FRLS-ST2, Type 9		88 - 92	1.55 - 1.59	18.7	285.6
Automotive Sheathing/ Jacket	NHF621	ST10	TM3	84 +/- 2	1.53	15.6	279.3
Automotive Insulation	NHF351	PVC/E	Ti3	89 - 94	1.38 - 1.42	20.6	275.7

Applications

- * Appliance Wire Insulation Sheathing/Jacketing
- * Low Voltage Cable Sheathing/ Jacketing/ Bedding
- * Automotive Cable Insulation Sheathing/Jacketing
- * Communication Wire Sheathing/ Jacketing
- * Flame Retardant Cable Sheathing/ Jacketing



After ageing in an air oven		Loss of mass in Air oven (mg/cm ²)	Resistivity (Ω.cm ²)	Oxygen Index (%)	Smoke Density Rating (%)	Halogen Acid Gas Generation (%)	Heat Stability at 200 °C	Oil Resistance	Abrasion Resistance
Tensile Strength (Mpa)	Elongation at break (%)								
IEC811-1-1	IEC811-1-1	IEC811-3-2	ASTM D257	ASTM D2863	ASTM D2843	IEC 60754-1	IEC 811-3-1		
17.9	208.6								
18.9	208.6								
18.6	266.2								
14.2	247.1								
13.8	279.6								
17.9	208.6								
18.6	216.6								
16.3	255.7								
18.9	268.5	0.673	6.5x10 ¹³						
17.8	252.2	0.524	6.6x10 ¹³						
18.1	232.3	0.53	6.8x10 ¹³	31	N/A				
16.7	255.6	0.446	6.1x10 ¹³	31	N/A	18			
17.3	250.2	0.433	6.4x10 ¹³	32	38	15			
14.2	250.1	0.472	6.3x10 ¹⁴				260	Yes	Yes
18.1	252.7	0.489	4.6x10 ¹⁴				260	Yes	Yes

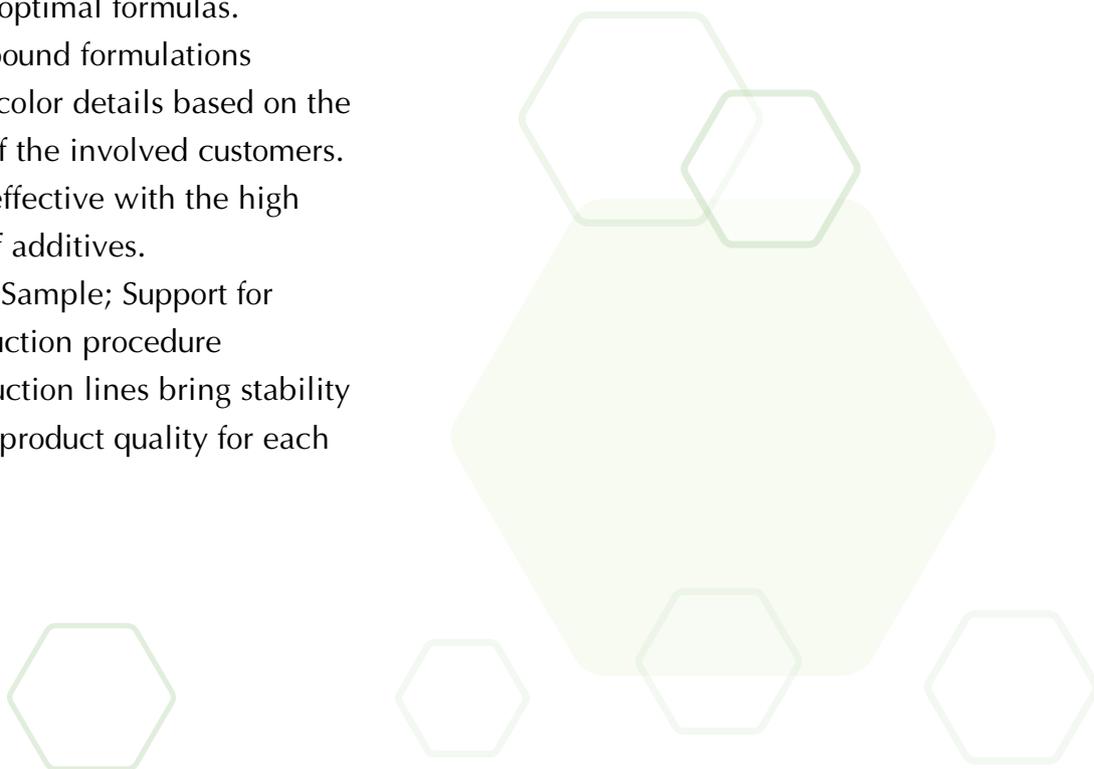
PVC for UPVC Fittings & Injection

Feature

- * Smooth Shining Surface
- * High gloss due to the production experience of the labor as well as the advanced and optimal formulas.
- * The PVC Compound formulations can adjust the color details based on the requirements of the involved customers.
- * The most cost effective with the high performance of additives.
- * Free expedited Sample; Support for lightning production procedure
- * Industrial production lines bring stability in the result of product quality for each Lot to Lot.

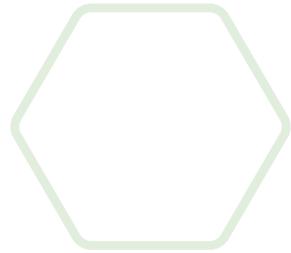
Performance Standards

- * EU REACH Compliant
- * EU ROHS 1, 2 & 3 Compliant
- * NSF



Specification	Form	Appearance	Hardness at 23oC	Density at 23oC	Tensile Strength	Elongation at break	Heat Stability at 200o C	Izod Impact Strength
Test Method	Visual	Visual	ASTM D2240	ASTM D792	IEC 811-1-1	IEC 811-1-1	IEC 811-3-2	ASTM D256
Unit	Granular	Smooth Surface	Shore D	g/cm3	Mpa	%	Mins	J/m
NHCF0557	Pass	Pass	81	1.4	52.6	110.2	77	75
NHCF0857	Pass	Pass	81	1.44	50.4	108.3	70	73
NHCF1557	Pass	Pass	80	1.47	55.2	116.1	80	78
NHCP0557	Pass	Pass	81	1.39	53.6	114.2	77	75
NHCP0857	Pass	Pass	81	1.41	48.7	107.2	-	-
NHCP2557	Pass	Pass	81	1.52	47.5	100.1	-	-
NHCP5057	Pass	Pass	81	1.62	45.1	95.6	-	-

Applications



Pipe Fittings



Ball Valves



Electrical Conduits



Gutter Brackets



Conjunction box

PVC for Hoses & Tubes

Feature

- * Bright and uniform color
- * Eco-friendly, non-peculiar smell
- * Good elongation
- * Good flexibility
- * Highly fire resistance

Performance Standards

- * EU REACH Compliant
- * EU ROHS 1, 2 & 3 Compliant
- * TSCA
- * Pro 65
- * FDA
- * NSF 51



Grade	Appearance	Form	Hardness Shore A	Hardness Shore D	Density (g/cm ³)	Important specification
	Smooth Surface	Granule	ASTM D2240	ASTM D2240	ASTM D792	
NHMD017T	Pass	Pass	55-80	-	1.16 - 1.42	Transparent, 65 Duro
NHMD027T	Pass	Pass	55-80	-	1.16 - 1.42	Transparent, 70 Duro
NHMD037T	Pass	Pass	55-80	-	1.16 - 1.42	Transparent, 75 Duro
NHMD047T	Pass	Pass	55-80	-	1.16 - 1.42	Transparent, 80 Duro
NHMD227N	Pass	Pass	55-80	-	1.16 - 1.42	
NHMD327N	Pass	Pass	55-80	-	1.16 - 1.42	
NHMD427N	Pass	Pass	55-80	-	1.16 - 1.42	
NHMD527N	Pass	Pass	55-80	-	1.16 - 1.42	
NHCD1057N	Pass	Pass	-	77-82	1.39 - 1.48	PVC-U
NHCD1557N	Pass	Pass	-	77-82	1.39 - 1.48	PVC-U

Applications



Fire hoses



Gas & fuel hoses



Medical tubes



Food contact hose



Garden hoses

Medical Equipment

Feature

- * Naturally free of latex protein allergens.
- * Due to productive of Elongation and Tensile Strength, material is highly resistant to tear, bend or twist.
- * The PVC Compound formulations can adjust the color details from Transparent to any demand color.
- * The most cost effective with the high performance of TOTM, DOTP, DINCH, & DOA..
- * Free expedited Sample; Support for rapid production procedure.
- * Extremely durable and can withstand a rigorous service environment.

Performance Standards

- * EU REACH Compliant
- * EU ROHS 1, 2 & 3 Compliant
- * FDA 21 Compliant
- * CA Prop 65 Compliant
- * USP Class VI Compliant
- * ISO 10993 & ISO 13485 Compliant



Specification	Hardness at 23oC	Density at 23oC	Tensile Strength	Elongation at break	Heat Stability at 200o C
Test Method	ASTM D2240	ASTM D792	IEC 811-1-1	IEC 811-1-1	IEC 811-3-2
Unit	Shore A	g/cm ³	Mpa	%	Mins
NHMD017T	65	1.20	14.8	368.5	40
NHMD027T	74	1.21	15.6	360.5	40
NHMD037T	75	1.22	17.8	355.8	40
NHMD047T	81	1.23	20.7	347.1	43
NHMD057T	85	1.23	21.8	330.5	45

Applications

- Drip chamber
- Medical Tube
- Blood bag
- Medical mask
- Other Medical Components



Supplying the medical device industry with PVC compounds, ensuring our customers are in safe hands when operating in such a highly regulated industry.



PVC for FootWears

Feature

- * Excellent abrasion and slip resistant properties
- * Excellent molding properties and smooth surface
- * Good adherence to leather fabrics & other materials
- * High antistatic properties
- * High grade oil resistant

Performance Standards

- * EU REACH Compliant
- * EU ROHS 1, 2 & 3 Compliant

Specification	Appearance	Hardness at 23 C (Shore A)	Density at 23C (g/cm3)	Tensile Strength (Mpa)	Elongation at breakk (%)	Heat Stability at 200C (Min)	Heat Shock test	Application
	Smooth \ Surface	ASTM D2240	ASTM D790	IEC 811-1-1	IEC 811-1-1	IEC 811-3-2	IEC 811-3-1	
NHMD037	Pass	62-75	1.19-1.44	17,8	325,6	70	No crack	Shoe Sole
NHMP017	Pass	62-75	1.19-1.44	17,9	340,6	70	No crack	
NHMP107	Pass	62-75	1.19-1.44	18,2	320,6	68	No crack	
NHMP507	Pass	62-75	1.19-1.44	12,5	328,4	64	No crack	Foam shoe sole
NHMP607	Pass	62-75	1.19-1.44	12,3	322,6	63	No crack	
NHMP807	Pass	62-75	1.19-1.44	11,6	310,1	60	No crack	

Applications

- Shoe welts
- Boots
- Shoe & sport footwear soles
- Shoes Foam



Other applications

Feature

- * Bright and Uniform Color
- * Eco friendly and non - peculiar smell
- * Cold, Flame and UV resistant
- * Excellent resistance to break, traction under aggressive environment.
- * The most cost effective with the high performance of additives
- * Free expedited Sample; Support for rapid production procedure.
- * One of the easiest materials to install.

Performance Standards

- * REACH Compliant
- * ROHS 1, 2 & 3 Compliant
- * FDA Compliant
- * Prop 65 Compliant
- * ISO Compliant
- * Anti fungal



Gaskets

Specification	Form	Appearance	Hardness at 23oC	Density at 23oC	Tensile Strength	Elongation at break	Heat Stability at 200oC	Heat Shock Test
Test Method	Visual	Visual	ASTM D2240	ASTM D792	IEC 811-1-1	IEC 811-1-1	IEC 811-3-2	IEC 811-3-1
Unit	Granular	Smooth Surface	Shore A	g/cm3	Mpa	%	Mins	No crack
NHMD217	Pass	Pass	73	1.28	15.8	325.6	65	Pass
NHMD507	Pass	Pass	62	1.32	12.5	328.4	64	Pass
NHMD607	Pass	Pass	62	1.32	12.3	322.6	63	Pass
NHMD717	Pass	Pass	70	1.4	12.5	315.3	60	Pass
NHMD807	Pass	Pass	68	1.44	11.6	310.1	60	Pass
NHMD2307	Pass	Pass	70	1.7	11.2	290.5	55	Pass
NHMD3507	Pass	Pass	70	1.76	10.2	283.5	55	Pass

Applications



Door gasket



Refrigerator Gasket



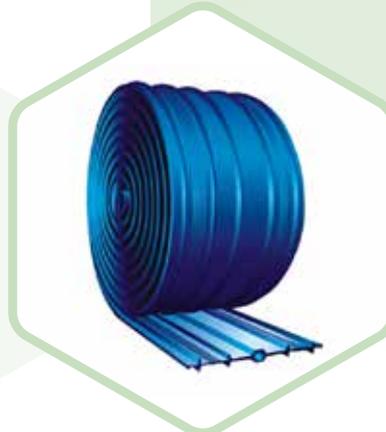
Window Gasket

Profile

	Specifi- cation	Appear- ance	Form	Tensile Strength	Elongation at break	Density at 23	Hardness at 23	Heat stability at 200	Izod Impact Strength	Vicat soften- ing Point
	Test Method	Visual	Visual		IEC 811- 1-1	ASTM D792	ASTM D2240	IEC 811-3-2	ASTM D256	ASMT D1525
Application	Unit	Smooth Surface	Granu- lar	Mpa	%	g/cm ³	Shore D	mins	J/m	C
Window Profile	NHCD0457	Pass	Pass	56.8	118.6	1.4 -1.52	73-81	80	78	88
	NHCD117	Pass	Pass	52.1	120.5	1.42	73-81	70	70	80
Profile	NHCD237	Pass	Pass	50.5	115.3	1.44	73-81	70	68	78
	NHCD347	Pass	Pass	51.2	110.1	1.48	73-81	68	65	78
	NHCD457	Pass	Pass	50.1	108.6	1.52	73-81	68	65	78

Water Stop

Specification	Form	Appearance	Hardness at 23°C	Density at 23°C	Tensile Strength	Elongation at break	Heat Stability at 200 °C
Test Method	Visual	Visual	ASTM D2240	ASTM D792	IEC 811-1-1	IEC 811-1-1	IEC 811-3-2
Unit	Granular	Smooth Surface	Shore A	g/cm ³	Mpa	%	mins
NHMD837	Pass	Pass	86	1.52	15.8	268.3	75
NHMD1347	Pass	Pass	89	1.64	12.5	265.3	70



Floor Mats

Specification	Hardness at 23°C	Density at 23°C	Tensile Strength	Elongation at break
Test Method	ASTM D2240	ASTM D792	IEC 811-1-1	IEC 811-1-1
Unit	Shore A	g/cm ³	Mpa	%
NHMP637	83	1.44	12.2	230.8

Chain Link Fence

Test Method	ASTM D2240	ASTM D792	IEC 811-1-1	IEC 811-1-1
Unit	Shore A	g/cm ³	Mpa	%
NHMD257	96	1.34	25.2	328.3
NHMD357	96	1.35	25.6	320.5

Pliers

Specification	Hardness at 23°C	Density at 23°C	Tensile Strength	Elongation at break
Test Method	ASTM D2240	ASTM D792	IEC 811-1-1	IEC 811-1-1
Unit	Shore A	g/cm ³	Mpa	%
NHMP247	90	1.35	18.8	330.8

Package & Container

Specification	Form	Appearance	Hardness at 23°C	Density at 23°C	Tensile Strength	Elongation at break	Vicat Softening Point
Test Method	Visual	Visual	ASTM D2240	ASTM D792	IEC 811-1-1	IEC 811-1-1	-
Unit	Granular	Smooth Surface	Shore A	g/cm ³	Mpa	%	C
NHCB057	Pass	Pass	79	1.34	45.8	135.2	74



Specifically for production control, we have established a development and operation department in our company, aiming to promptly respond to demands from customers and production lines.





QUALITY ASSURANCE

Pellets are extruded and checked every hour to make sure

- Color is matched with sample*
- Smooth surface (with no hole, no bubble)*



Experience the best in quality with our organization. We are committed to delivering a range of products that meets international standards. Our raw materials are sourced from reputable vendors and our team of experienced quality controllers ensures that every stage of production is closely supervised. Rest assured, our range undergoes rigorous testing based on the following parameters.



Color

Hardness

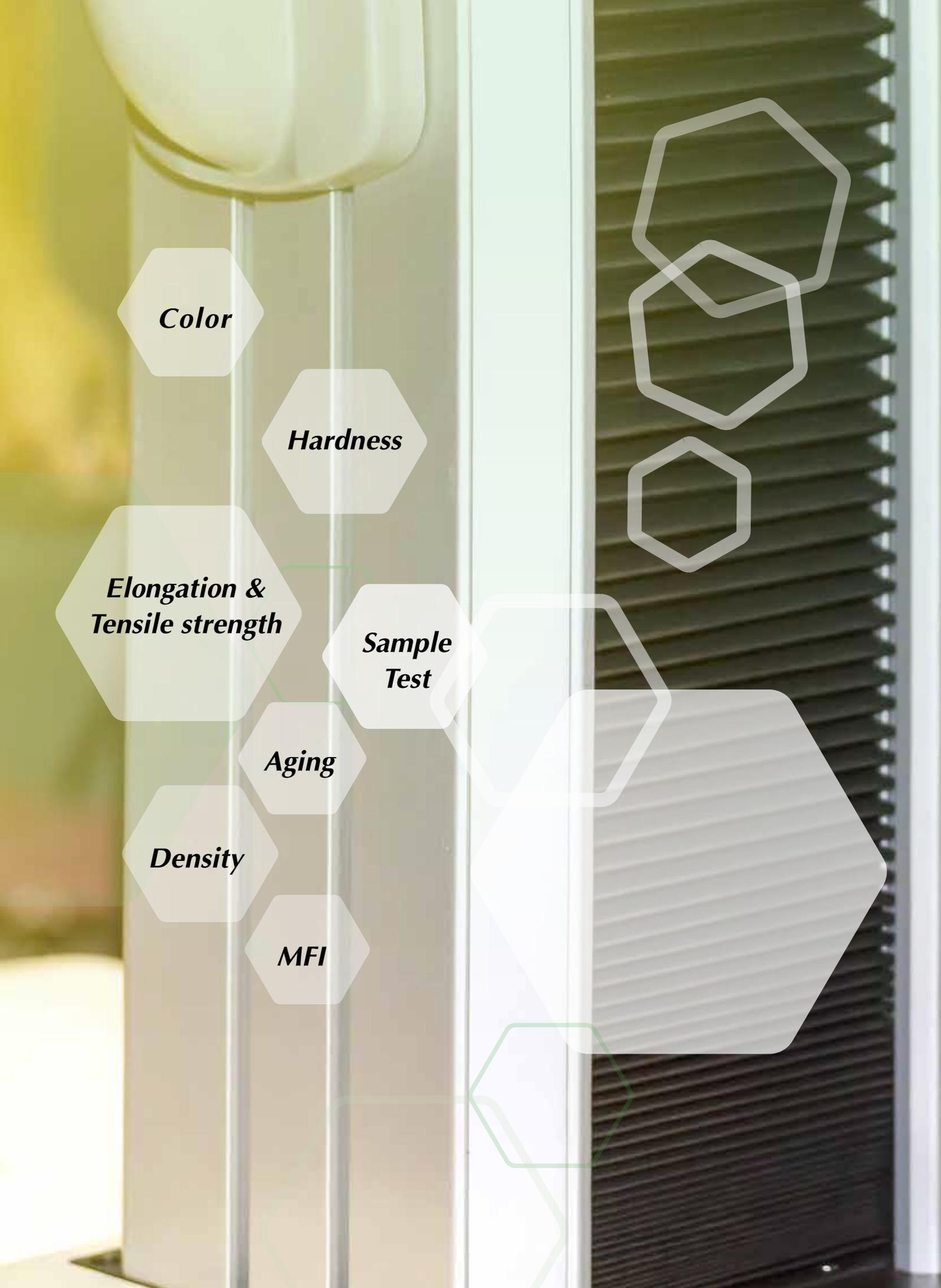
***Elongation &
Tensile strength***

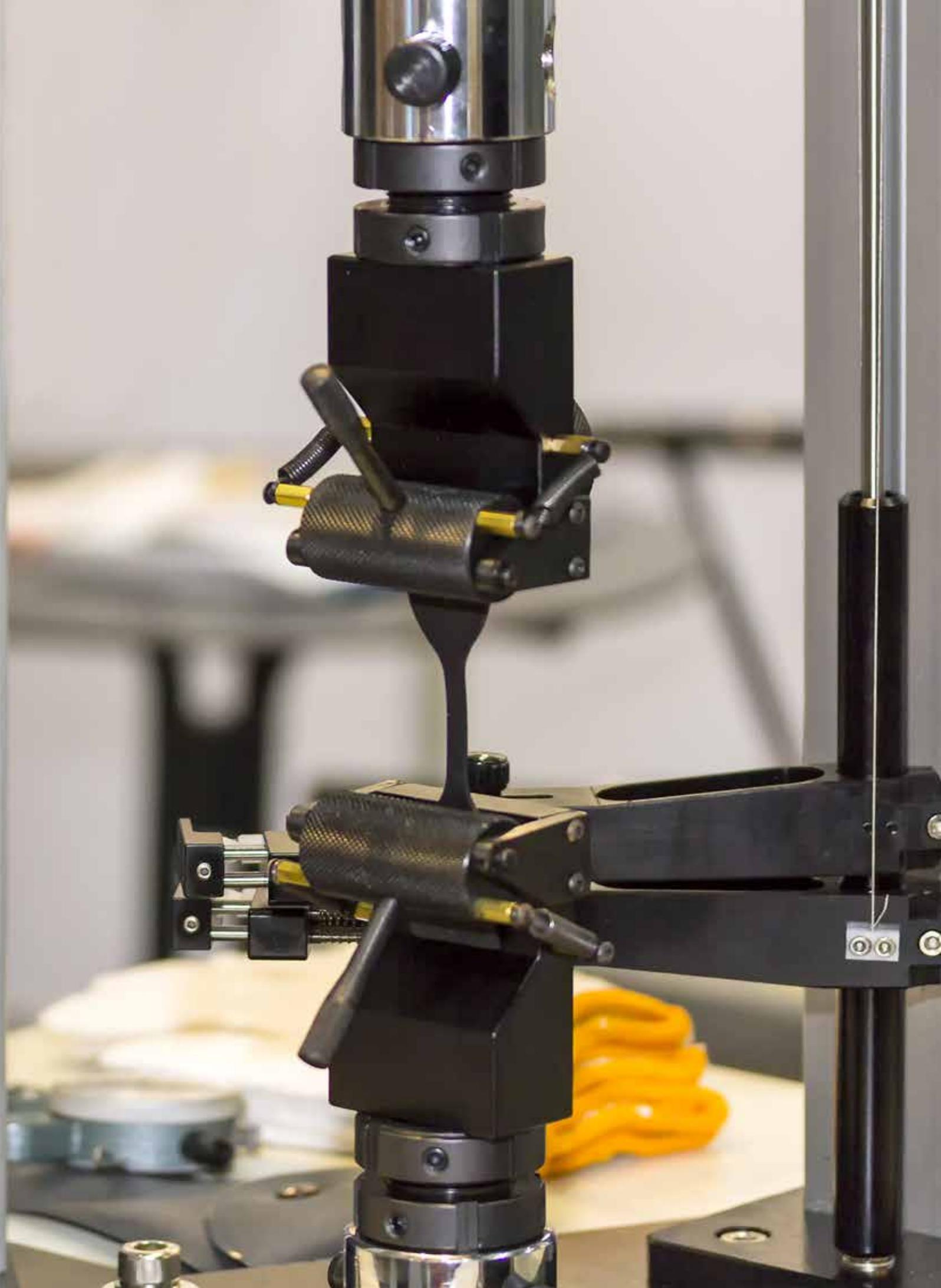
***Sample
Test***

Aging

Density

MFI





PACKING & LOADING



Specifically for production control, we have established a development and operation department in our company, aiming to promptly respond to demands from customers and production lines.



MARKETS & EVENTS



FEI PLAST 2019

Green PVC is trusted by thousands of customers to export across the globe.



PLAST INDIA 2023



CHINA PLAS 2023



IPF BANGLADESH 2023



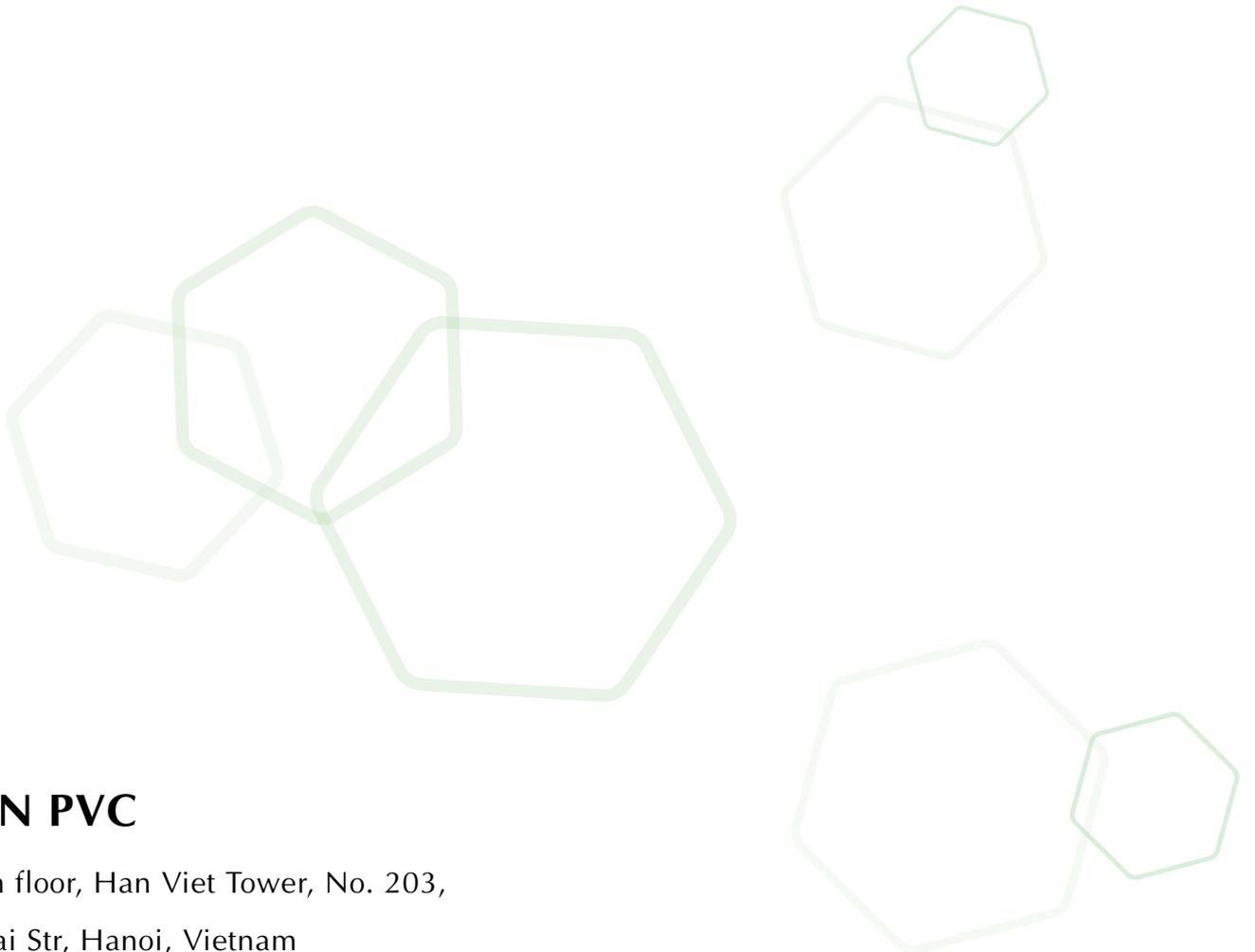
WIRE MEA 2019



COMPLAST 2020



*Values connection
Success connection*



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