



WANHUA CHEMICAL  
( BEIJING ) CO., LTD.

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Polyurethane Composite Solutions



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#### Statement

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For more information





## About Us

Wanhua Chemical Group Co., LTD., a globally operated company of new chemical materials. We provide customers with more competitive products and solutions by relying on continuous innovation of core technology, industrial equipment and efficient operation mode.

As the wholly-owned subsidiary of Wanhua Chemical Group, Wanhua Chemical (Beijing) Co., Ltd. is a main supplier of modified isocyanate and formulated polyol products, serving hundreds of companies in Asia, North America, South America, Europe and other areas of the world. With independent intellectual property rights, our polyurethane product solutions include flexible foam, semi-rigid foam, PU composite materials and adhesives, which are widely applied in automotive, rail transit, homelife, textile and printing, packaging and transportation, building protection and other industries.

Adhering to the corporate mission of "Advancing Chemistry, Transforming Lives", Wanhua Chemical (Beijing) Co., Ltd. focuses on the research of polyurethane applications, insists on customer-oriented and technological innovation, continuously provides products and solutions in all fields, and is committed to be a global leader in the downstream application of polyurethane!

**ADVANCING CHEMISTRY,  
TRANSFORMING LIVES!**







Product	Appearance	Viscosity @25°C (mPa.s)	Properties		Application	Application Description	Application Process	Foaming / Non foaming
WANELFLEX™ 650M	White liquid	500-800	Excellent fiber permeability, excellent production efficiency, especially suitable for the production of thick products		Wind Power	Wind power blade beam	Pultrusion	Non foaming
WANELFLEX™ 650T	White liquid	400-700	Excellent surface finish, excellent production efficiency (high line speed), excellent mechanical properties, very low thermal conductivity		Energy-saving Buildings	Energy saving window frame	Pultrusion	Non foaming
WANELFLEX™ 242T	White liquid	400-700	Excellent production efficiency, excellent mechanical properties, excellent adhesion (no treatment of the surface, can be sprayed directly)		Photovoltaic Industry	Photovoltaic frame	Pultrusion	Non foaming
WANELFLEX™ 243	White liquid	550-750	Excellent fiber permeability, excellent mechanical properties, excellent flame retardancy (UL94 V0)		New Energy Automotive	Battery pack support material	Pultrusion	Non foaming
WANELFLEX™ 655H	Black liquid	800-1200	Excellent fiber permeability, excellent production efficiency, excellent flame retardancy (UL94 V0)		New Energy Automotive	Battery case	HP-RTM	Non foaming
WANELFLEX™ 688	Pale yellow liquid	400-500	Excellent flowability, excellent fiber permeability, excellent production efficiency, and excellent mechanical properties. Suitable for integrated production process.		Rail Transit, Shipping	Sleeper, ship deck	FFU	Foaming
WANELFLEX™ 688H	Pale yellow liquid	400-500	Excellent flowability, excellent fiber permeability, excellent production efficiency, and excellent mechanical properties. Suitable for integrated production process.		Rail Transit, Automotive	Sleeper, vehicle floor	FFU	Foaming
WANELFLEX™ 687H/687L	Pale yellow liquid	420-520	Excellent flowability, excellent fiber permeability, excellent production efficiency, and excellent mechanical properties. Suitable for integrated production process.		Rail Transit, Automotive	Sleeper, vehicle floor	FFU	Foaming
WANELFLEX™ 689H	Black liquid	700-1100	Excellent mechanical properties, excellent water resistance, excellent aging resistance, excellent flame retardancy, and excellent fatigue resistance		Rail Transit	Ballast bed	Open molding and close molding	Foaming



Product	Appearance	Viscosity @25°C (mPa.s)	Properties		Application	Application Description	Application Process	Foaming / Non foaming
WANELFLEX™ 682	Black liquid	1800-2200	Excellent mechanical properties, excellent heat resistance, excellent surface finish		Automotive	Front cover, truck deflector, overhead box, dashboard	LFI	Foaming
WANELFLEX™ 683F	Black liquid	300-600	Low density, excellent flowability and formability, excellent flame retardancy			Front and rear roof, luggage rack	LFI	Foaming
WANELFLEX™ 683T	Black liquid	400-800	Low density, fast curing, excellent flowability and formability, low odor, low VOC, excellent surface finish			Dashboard, front and rear roof, luggage rack	LFI	Foaming
WANELFLEX™ 693L	Black liquid	1400-2200	Fast curing, excellent formability, low odor, low VOC, matte surface			Trunk cover, hat rack	PHC	Foaming
WANELFLEX™ 693H	Black liquid	1400-2200	Fast curing, excellent formability, low odor, low VOC, gloss finish			Trunk cover, hat rack	PHC	Foaming
WANELFLEX™ 696/696T	Black liquid	1000-1500	Excellent appearance, easy to clean, good waterproof performance, high production efficiency resistance			Easy to clean spare tire cover plate, foot pad	RIM	Non foaming

