



WANNATE[®] HT-PLUS Series

WANHUA CHEMICAL GROUP CO., LTD. Performance Chemicals Company



WANNATE® HT-PLUS Series

Lower free monomer content (<0.1%) empowers a higher industry standard and enhances highlighted safety.

Idealize the environment, mutualize with nature, harmonize our society.

Over the years, our relentless pursuit of excellence has led us to continuous process optimization and groundbreaking technological innovations for green chemistry and sustainable development across the value chain. The culmination of this dedication is the launch of the WANNATE® HT-PLUS series. Through our diligent efforts to reduce residual HDI monomer content, we are proud to offer downstream customers unparalleled safety protection rooted in higher industrial hygiene standards.

Residual monomer content is less than 0.1%, while maintaining all other specifications consistent.

Building on the foundation of the WANNATE® HT series, the WANNATE® HT-PLUS series takes a leap forward by reducing free HDI monomer content to under 0.1% via process optimization. This enhancement addresses the need for higher industrial hygiene standards and elevated safety protection for our downstream customers. Simultaneously, all other performance metrics of the WANNATE® HT-PLUS align seamlessly with the existing WANNATE® HT series. Thus, transitioning from the WANNATE® HT series to the HT-PLUS series can be accomplished effortlessly without any adjustments to the current formulation.

Specification

Items	Solvent	Solids content (%)	NCO Content (%)	Viscosity (25°C/mPa·s)	Chromatic Number (Pt-Co)	HDI Content (%)
HT-100 PLUS	None	100	21.7~22.2	1750~3250	≤40	< 0.1
HT-300 PLUS	None	100	19.0~21.0	200~700	≤60	<0.1
HT-3100 PLUS	None	100	21.7~22.7	600~1000	≤60	<0.1
HT-600 PLUS	None	100	22.3~23.5	900~1500	≤40	<0.1
HT-90B PLUS	BA	89~91	19.5~20.1	350~650	≤40	<0.1
HT-90BS PLUS	BA/SN (1:1)	89~91	19.5~20.1	350~650	≤40	<0.1
HT-9001BS PLUS	BA/SN (1:1)	89~91	19.5~20.1	350~650	< 15	<0.1
HT-8001BS PLUS	BA/SN (1:1)	79~ 81	16.9~17.9	110~190	≤ 40	<0.1
HT-75B PLUS	BA	74~76	16.0~17.0	60~100	≤ 40	<0.1
HT-790B PLUS	BA	89~91	17.3~18.3	1100~2500	≤ 40	<0.1

Beyond the reduced free HDI monomer content to less than 0.1%, the WANNATE® HT-PLUS series retains all the consistent attributes and specifications of the original WANNATE® HT series products.

	WANNATE® HT series	WANNATE® HT-PLUS series
Available for existing process equipment	✓	✓
Adaptation to the existing formulas	✓	✓
Improved industrial hygiene standards	✓	✓ ✓
No additional efforts to comply with the proposed isocyanate use restriction*	×	✓

Application and characteristics

- Hardener for two-component polyurethane coatings.
- Outstanding weather resistance, gloss and color retention, excellent mechanical properties, and chemical resistance.
- Applied in surface coating of automotive OEM, automotive refinish, industrial coatings, and plastic coatings.

Package (s)

- 20 kg iron drum
- 60 kg iron drum
- 220 kg iron drum
- Customized packaging is available based on customers' requirements.
- IBC drum
- ISO TANK

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