



Dispercoll® U

Dispercoll® U grades are aqueous, anionic dispersions of high molecular weight polyurethanes. The products are especially suitable for the manufacture of heat activated adhesives. Dispercoll® U polyurethane dispersions are high performance adhesive raw materials which give outstanding bonding properties on most synthetic and natural materials.

DISPERCOLL U® – PU-DISPERSIONS FOR ADHESIVE APPLICATIONS

	Type	Polymer content [%]	Viscosity [mPas]	pH	min. Heat Activation [°C]	Furniture Lamination
VPKA 8758	PUR Dispersion	40 +/- 1	<1000	7,5 +/- 1,5	approx. 80 - 100	○
XP 2578	PUR Dispersion	40 +/- 1	<1000	7,5 +/- 1,5	approx. 45 - 55	●
XP 2643	PUR Dispersion	40 +/- 1	<1000	7,5 +/- 1,5	> RT	○
XP 2682	PUR Dispersion	50 +/- 1	<1000	7,5 +/- 1,5	approx. 40 - 50	●
XP 2702	PUR Dispersion	47 +/- 1	<1000	7,5 +/- 1,5	approx. 40 - 50	●

- especially suitable
- suitable



Automotive Interior	Shoe Bonding	Textile Bonding	Packaging	Properties
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	Aqueous anionic dispersion of a high molecular weight amorphous polyurethane. Especially suitable for heat activation above 80 °C or blends with other PUDs. Gives improved hydrolysis resistance.
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Aqueous anionic dispersion of a high molecular weight crystallizing polyurethane. Especially suitable for the formulation of 1k latent reactive polyurethane dispersions based on TDI-dimer.
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	Aqueous anionic dispersion of a high molecular weight non-crystallizing polyurethane. Especially suitable for bonds at low to moderate temperatures, even at roomtemperature.
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Aqueous anionic dispersion of a lower molecular weight crystallizing polyurethane. Especially suitable for applications at low heat activation temperatures in the furniture and automotive industries. Good wetting properties due to low melt viscosity.
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Aqueous anionic dispersion of a high molecular weight polyurethane. Especially suitable for latent-reactive adhesives in conjunction with deactivated Desmodur® LP BUEJ 471 formulation