

Table 1 Summary of Polyamide-Based Nourybond Adhesion Promoters

Adhesion Promoter	Color (Gardner)	Viscosity [mPa·s]	Amine Value (mg KOH/g)	Comments
Nourybond® 272	max. 10	15,000 - 35,000 @ 25 °C	185 - 250	Good overall balance of properties.
Nourybond® 276	max. 10	8,000 - 28,000 @ 25 °C	110 - 130	Excellent rheological properties and high strength. Best color stability.
Nourybond® 301	max. 12	1,000 - 1,500 @ 75 °C	380 - 400	Plasticizer free (100% solids). Improves coatability of plastisols.
Nourybond® 308	max. 12	12,500 - 22,500 @ 25 °C	180 - 210	Non-phthalate plasticizer. Good humidity resistance.
Nourybond® 312	max. 12	2,000 - 4,000 @ 75 °C	440 - 500	Plasticizer free (100% solids). Excellent adhesion. Good humidity resistance.
Nourybond® 316	max. 14	1,000 - 2,000 @ 75 °C	260 - 310	Non-phthalate plasticizer. Excellent adhesion and good rheology.
Nourybond® 346	max. 12	1,000 - 3,000 @ 25 °C	280 - 330	Non-phthalate plasticizer, good handling properties.
Nourybond® 356	max. 12	1,000 - 4,000 @ 25 °C	185 - 200	Non-phthalate plasticizer, good handling properties.
Nourybond® 368	max. 12	2,000 - 8,000 @ 25 °C	225 - 245	Non-phthalate plasticizer, good handling properties.

Table 2 Summary of Blocked Isocyanate-Based Nourybond Adhesion Promoters

Adhesion Promoter	Color (Gardner)	Viscosity [mPa·s] @ 25 °C	Type of Isocyanate	% Blocked Isocyanate	Comments
Nourybond® 289	max. 2	30,000 - 50,000	Toluene Diisocyanate	1.8 - 2.1	Recommended for acrylic and PVC plastisols. Excellent color stability, superior plastisol rheology and wet-onwet paint capability. Must be used without a polyamidebased adhesion promoter.
Nourybond® 290	max. 2	2,000 - 6,000	Toluene Diisocyanate	1.6 - 3.2	Recommended for acrylic and PVC plastisols. Used in conjunction with a small amount of polyamidoamine adhesion promoter.
Nourybond® 291	max. 4	20,000 - 80,000	Toluene Diisocyanate	3.0 - 3.6	Recommended for acrylic plastisols only. Solvent-free version.
Nourybond® 292	max. 5	1,000 - 2,200	Toluene Diisocyanate	3.0 - 3.7	Recommended for acrylic and PVC plastisols. Strong film strength, excellent low-temperature properties.
Nourybond® 293	max. 4	5,000 - 12,500	Hydrogenated Methylene Diisocyanate	4.1 - 4.9	Recommended for acrylic and PVC plastisols. Strong resin strength, excellent adhesion.

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