

Product Selection Guide Hauthane Polyurethane Dispersions

Co-solvent free grades

	Type	Solids (% wt)	Tensile (min MPa)	Elong (%)	100%Mod (MPa)	Description
HD-2015	Aliphatic	35	31	440	11	Medium hard, economical, polyether-based
HD-2024	Aliphatic	45	28	750	3	Soft, economical, polyether-based
HD-4664	Aliphatic	50	41	625	6	Soft, good value, polyether/polyester-based
HD-4669	Aliphatic	40	43	270*	25	Hard, good value, polyether/polyester-based
HD-4675	Aliphatic	38	41	190*	30	Hardest, low co-solvent demand, polyester-based
L-3415	Aliphatic	35	NM	NM	NM	UV-curable, VOC-free, very hard, polyester-based
L-3528	Aliphatic	35	33	340	14	Hard, polycarbonate-based
L-3529	Aliphatic	35	25	640	3	Soft, polycarbonate-based
L-3615	Aliphatic	35	44	320	26	Hard, TEA-free, polyester-based

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NMP-free/APEO-free grades (DMM-containing)

	Type	Solids (% wt)	Tensile (min MPa)	Elong (%)	100%Mod (MPa)	Description
L-2857	Aliphatic	35	44	300	22	Silicone-modified, polyester-based (HD-2602)
L-2875	Aliphatic	35	41	190*	30	Low VOC, “greener” version of HD-4675, polyester-based
L-2877	Aliphatic	35	47	200*	34	Flexible, abrasion and chemical resistance, polyester-based (HD-2107)
L-2882	Aliphatic	35	59	35*	NM	Chemical and stain resistant, polyester-based (HD-2120)
L-2892	Aliphatic	35	33	50*	NM	Excellent flow/leveling, early-water resistant, polyester-based (HD-2117)
L-2896	Aliphatic	35	47	300	32	Humidity and water resistant, polycarbonate-based (HD-2503)
L-2897	Aliphatic	35	55	150*	36	Chemical-resistant, polyester-based (HD-2125)
L-2942	Aliphatic	35	31	185*	24	Adhesion to low-energy plastics and PVC, polyester-based (HD-2142)
L-2961	Aliphatic	35	21	600	5	Flexible, wash-resistant, ether/ester-based (HD-4638)
L-2969	Aliphatic	35	34	500	5	Modifying grade with good water resistance, polyester-based (HD-2101)
L-2985	Aliphatic	35	28	550	3	Low softening point adhesive grade, polyester-based (HD-2001)
L-2996	Aliphatic	35	45	220	27	Hydroxyl-functional for 2K systems, polycarbonate-based (HD-6002)
L-3101	Aliphatic	35	54	100*	36	Humidity and water resistant, polycarbonate-based (HD-2504)

Hydroxyl functional grades (DMM-containing)

	Type	Solids (% wt)	Tensile (min MPa)	Elong (%)	100%Mod (MPa)	Description
L-2883	Aliphatic	35	48	230	33	NMP/APEO-free, crosslinkable with W/D isocyanates, polyester-based
L-2996	Aliphatic	35	45	220*	27	NMP-free, crosslinkable with W/D isocyanates, polycarbonate-based

Specialty grades

	Type	Solids (% wt)	Tensile (min MPa)	Elong (%)	100%Mod (MPa)	Description
HD-2313	Aliphatic	45	24	560	4	Flame retardant, co-solvent free
HD-2334	Aliphatic	45	26	245*	16	Flame retardant, co-solvent free
L-3369**	Aliphatic	35	19	300	14	Partially bio-renewable-based, alcohol-resistance
L-3385**	Aliphatic	32	17	160*	13	Self-crosslinking, polyester-based (L-3155)
L-3415	Aliphatic	35	NM	NM	NM	UV-curable, VOC-free, non-ionic, very hard, polyester-based
L-3595	Aliphatic	43	15	800	4	Soft-feel, low VOC, polyester-based
L-3632	Aliphatic	35	23	370	7	Non-ionic, isophthalate polyester-based
L-3645	Aliphatic	35	41	300	21	Silicone-modified, polyester-based with dye transfer resistance

* ASTM method D882-91 for hard polymers - Crosshead speed of 2 in/min vs 20 in/min for other polymers.

**NEP-containing grade; Technical Data Sheets for each available at www.hauthaway.com