



## Aliphatic polyether polyol types

ITEM NO.	SOLID CONTENT (%w/w)	PH	Cosolvent	VISCOSITY (25°C mPa.s)	100% modulus kg/cm2 100%	Elongation	Tensile Strength kg/cm2	MAIN USES	SPECIAL FEATURES
L-2811	30	8	DMAC	< 300	17	800	200-250	<ul style="list-style-type: none"> <li>● coat on flexible substrates</li> <li>● paper and plastic coating</li> <li>● PVC coating</li> <li>● leather coating</li> </ul>	<ul style="list-style-type: none"> <li>● soft and flexible</li> <li>● water resistance</li> <li>● non yellowing</li> </ul>
L-2812	30	8	DMAC	< 300	50	550	350-400	<ul style="list-style-type: none"> <li>● coat on flexible substrates</li> <li>● leather coating</li> </ul>	<ul style="list-style-type: none"> <li>● soft and flexible</li> <li>● water resistance</li> <li>● non yellowing</li> </ul>
L-2812M	35	8	NMP	< 500	76	450	470-520	<ul style="list-style-type: none"> <li>● coat on flexible substrates</li> <li>● leather coating</li> </ul>	<ul style="list-style-type: none"> <li>● soft and flexible</li> <li>● water resistance</li> <li>● non yellowing</li> </ul>
L-2813	39	7.5	solvent free	115	55	550	210-260	<ul style="list-style-type: none"> <li>● peelable metal coating</li> <li>● printing ink and glass fiber</li> <li>● flooring coating</li> <li>● paper and textile coating</li> </ul>	<ul style="list-style-type: none"> <li>● tough</li> <li>● solvent free</li> <li>● compatible with acrylic emulsion</li> </ul>
L-2815	39	7.5	solvent free	115	55	550	210-260	<ul style="list-style-type: none"> <li>● peelable metal coating</li> <li>● glass fiber sizing</li> <li>● leather coating</li> <li>● paper and textile coating</li> </ul>	<ul style="list-style-type: none"> <li>● tough</li> <li>● solvent free</li> <li>● compatible with acrylic emulsion</li> <li>● emulsifier free version of L-2813</li> </ul>
L-2842	34	8.3	solvent free	95	66	600	200-250	<ul style="list-style-type: none"> <li>● printing ink</li> <li>● paper and textile coating</li> <li>● floor coating</li> </ul>	<ul style="list-style-type: none"> <li>● good adhesion on flexible substrates</li> <li>● good solvent resistance</li> </ul>
L-2851	34	7.8	NMP	325	145	350	330-380	<ul style="list-style-type: none"> <li>● concrete coating / wall paint</li> <li>● plastic coating</li> <li>● metal coating</li> </ul>	<ul style="list-style-type: none"> <li>● tough and flexible</li> <li>● chemical and abrasion resistance</li> <li>● good adhesion</li> </ul>
L-2855	28	8.8	solvent free	30	71	270	175	<ul style="list-style-type: none"> <li>● primer</li> </ul>	<ul style="list-style-type: none"> <li>● high transparent &amp; flexible</li> <li>● good adhesion on many plastics</li> <li>● crosslinkable</li> </ul>



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L-2857	34	7.6	NMP	275	128	350	350-400	<ul style="list-style-type: none"> <li>● parquet &amp; cork floor coating</li> <li>● anti-gravity-coating</li> <li>● concrete coating / wall paint</li> <li>● metal and plastic coating</li> </ul>	<ul style="list-style-type: none"> <li>● tough and flexible</li> <li>● chemical resistance</li> <li>● abrasion resistance</li> <li>● good adhesion</li> </ul>
L-2869	39	7.4	solvent free	100	50-60	550	220-270	<ul style="list-style-type: none"> <li>● peelable metal coating</li> <li>● printing ink and glass fiber</li> <li>● floor,paper and textile coating</li> </ul>	<ul style="list-style-type: none"> <li>● tough</li> <li>● solvent free</li> <li>● compatable with acrylic emulsion</li> </ul>
L-2872	33	8.5	solvent free	130				<ul style="list-style-type: none"> <li>● primer</li> </ul>	<ul style="list-style-type: none"> <li>● high transparant and flexible</li> <li>● good adhesion on many plastics good olvent resistance</li> </ul>
L-2881	35	8.2	solvent free	400				<ul style="list-style-type: none"> <li>● adhesive</li> </ul>	<ul style="list-style-type: none"> <li>● heat resistance</li> <li>● good adhesion</li> <li>● clear and stable</li> </ul>
L-2883	30	9.5	NMP	175				<ul style="list-style-type: none"> <li>● paper and plastic coating</li> <li>● concrete and metal coating</li> <li>● wood/parquet lacquer/coating</li> </ul>	<ul style="list-style-type: none"> <li>● hard and flexible</li> <li>● abrasion and chemical resistance</li> <li>● good adhesion</li> <li>● aromatic polyether polyol type</li> </ul>
L-2887	40	7.8	solvent free	200	33	650	160-200	<ul style="list-style-type: none"> <li>● flexible coating</li> <li>● cork floor lacquer</li> <li>● wood/parquet lacquer/coating</li> </ul>	<ul style="list-style-type: none"> <li>● soft and very flexible</li> <li>● UV resistance</li> <li>● abresion resistance</li> <li>● emulsifer free version of L-2889</li> </ul>
L-2891	35	8	solvent free	200				<ul style="list-style-type: none"> <li>● Adhesive leather coating</li> </ul>	<ul style="list-style-type: none"> <li>● good adhesion</li> <li>● tough and flexible</li> </ul>



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L-2908	33.5	7.8	NMP	275	183	250	270-320	<ul style="list-style-type: none"> <li>● screen &amp; gravure inks</li> <li>● concrete &amp; metal coating</li> <li>● vinyl top coat</li> <li>● wood and plastic coat</li> <li>● textured coat</li> </ul>	<ul style="list-style-type: none"> <li>● hard, flexible and durable</li> <li>● chemical resistance</li> <li>● water, humidity, UV resistance</li> <li>● bresion resistance</li> <li>● defoamer free version of L-2909</li> </ul>
L-2909	33.5	7.8	NMP	275	183	250	270-320	<ul style="list-style-type: none"> <li>● screen &amp; gravure inks</li> <li>● concrete &amp; metal coating</li> <li>● vinyl top coat</li> <li>● wood and plastic coat</li> <li>● textured coat</li> </ul>	<ul style="list-style-type: none"> <li>● hard, flexible and durable</li> <li>● chemical resistance</li> <li>● water, humidity, UV resistance</li> <li>● bresion resistance</li> <li>● water, humidity, UV resistance</li> </ul>
L-2911	30.0	8	DMAC	< 300	32	500	200-250	<ul style="list-style-type: none"> <li>● Printing ink on PVC flooring</li> <li>● paper, leather and plastic coating</li> <li>● wood / parquet acquer/coating</li> </ul>	<ul style="list-style-type: none"> <li>● soft and flexible</li> <li>● abresion resistance</li> <li>● non yellowing</li> </ul>
L-2916	39.5	8.5	NMP	350	181	250	300-350	<ul style="list-style-type: none"> <li>● metal finishing repair coating</li> <li>● floor polish and wood primer</li> <li>● paper and plastic coating</li> <li>● wood and paquet coating</li> <li>● textured coat</li> </ul>	<ul style="list-style-type: none"> <li>● hard and chemical resistance</li> <li>● humidity and abrasion resistance</li> <li>● BHMR resistance</li> <li>● adhesion on many substrates</li> <li>● broad range of application</li> </ul>
L-2917	34.0	8.4	NMP	90	47	500	200-250	<ul style="list-style-type: none"> <li>● printing inks</li> <li>● plastic, leather, concrete coating</li> <li>● metal, wood, paper coating</li> <li>● parquet lacquer</li> </ul>	<ul style="list-style-type: none"> <li>● flexible and abrasion resistance</li> <li>● excellent adhesive to plastic</li> <li>● chemical resistance</li> <li>● compatable with acrylic emulsion</li> </ul>



## Aliphatic polyester polyol types

ITEM NO.	SOLID CONTENT (%w/w)	PH	Cosolvent	VISCOSITY (25°C mPa.s)	100% modulus kg/cm <sup>2</sup> 100%	Elongation	Tensile Strength kg/cm <sup>2</sup>	MAIN USES	SPECIAL FEATURES
L-2918	40.0	8	NMP	300	181	250	300-350	<ul style="list-style-type: none"> <li>● laminating adhesive</li> <li>● wood and parquet lacquer</li> <li>● metal and plastic coating</li> </ul>	<ul style="list-style-type: none"> <li>● hard and chemical resistance</li> <li>● humidity and abrasion resistance</li> <li>● BHMR resistance</li> <li>● adhesion on many substrates</li> <li>● emulsifier free version of L-2916</li> </ul>
L-2919	39.0	8	NMP	225				<ul style="list-style-type: none"> <li>● metal finishing repair coating</li> <li>● floor polish and wood primer</li> <li>● paper and plastic coating</li> <li>● wood and parquet coating</li> <li>● textured coat</li> </ul>	<ul style="list-style-type: none"> <li>● hard and chemical resistance</li> <li>● humidity and abrasion resistance</li> <li>● BHMR resistance</li> <li>● adhesion on many substrates</li> <li>● broad range of application</li> </ul>
L-2933	38.2	8.6	solvent free	250	11	700	60-80	<ul style="list-style-type: none"> <li>● laminating adhesive</li> </ul>	<ul style="list-style-type: none"> <li>● good heat resistance</li> <li>● clear and light stable</li> <li>● excellent adhesion to many substrates</li> </ul>
L-2939	34.5	8.6	solvent free	90				<ul style="list-style-type: none"> <li>● metal coating</li> </ul>	<ul style="list-style-type: none"> <li>● tough and flexible</li> <li>● chemical and water resistance</li> </ul>
L-2946	32	8.3	NMP	130	165	300	270-310	<ul style="list-style-type: none"> <li>● printing ink and glass coating</li> <li>● concrete coating</li> <li>● wood and parquet lacquer</li> </ul>	<ul style="list-style-type: none"> <li>● good adhesion on flexible substrates</li> <li>● good solvent and blocking resistance</li> <li>● hard and flexible</li> </ul>
L-2955	38.2	8.1	solvent free	150	11	700	65-85	<ul style="list-style-type: none"> <li>● adhesive</li> </ul>	<ul style="list-style-type: none"> <li>● Flexible</li> <li>● humidity resistance</li> <li>● good adhesion</li> </ul>



## Aliphatic polyester polyol types

ITEM NO.	SOLID CONTENT (%w/w)	PH	Cosolvent	VISCOSITY (25°C mPa.s)	100% modulus kg/cm2 100%	Elongation	Tensile Strength kg/cm2	MAIN USES	SPECIAL FEATURES
L-2976	33.8	7.7	NMP	400	180	250	270-320	<ul style="list-style-type: none"> <li>● screen ink</li> <li>● metal and plastic coating</li> <li>● wood and parquet lacquer</li> </ul>	<ul style="list-style-type: none"> <li>● hard and fast drying</li> <li>● chemical resistance</li> <li>● abrasion resistance</li> </ul>
L-2980	34	8.4	NMP	125				<ul style="list-style-type: none"> <li>● industrial wood coating</li> </ul>	<ul style="list-style-type: none"> <li>● flexible, poor chemical resistance</li> <li>● humidity and abrasion resistance</li> <li>● emulsifier free version of L-2982</li> </ul>
L-2982	34	8.4	NMP	125				<ul style="list-style-type: none"> <li>● printing inks</li> <li>● metal, concrete and plastic coating</li> <li>● wood and parquet lacquer</li> </ul>	<ul style="list-style-type: none"> <li>● flexible, poor chemical resistance</li> <li>● humidity resistance</li> <li>● abrasion resistance</li> </ul>
L-2994	37.6	8.2	solvent free	150				<ul style="list-style-type: none"> <li>● flexo and gravure inks</li> <li>● printing inks</li> </ul>	<ul style="list-style-type: none"> <li>● excellent adhesion to plastic</li> <li>● very flexible</li> </ul>
L-2991	39	8	NMP	100				<ul style="list-style-type: none"> <li>● printing inks</li> <li>● plastic coating</li> <li>● leather coating</li> <li>● concrete coating</li> <li>● wood and parquet lacquer</li> </ul>	<ul style="list-style-type: none"> <li>● tough and flexible</li> <li>● excellent adhesion to plastic</li> <li>● chemical and abrasion resistance</li> <li>● compatible with acrylic emulsion</li> </ul>
L-2999	40	8.1	solvent free	60				<ul style="list-style-type: none"> <li>● wood and parquet lacquer</li> <li>● cork lacquer</li> </ul>	<ul style="list-style-type: none"> <li>● tough, medium hard and clear</li> <li>● humidity and chemical resistance</li> </ul>



## Aliphatic polycarbonate polyol types

ITEM NO.	SOLID CONTENT (%w/w)	PH	Cosolvent	VISCOSITY (25°C mPa.s)	100% modulus kg/cm2 100%	Elongation	Tensile Strength kg/cm2	MAIN USES	SPECIAL FEATURES
L-3021	39.5	8.1	NMP	275				<ul style="list-style-type: none"> <li>● PVC flooring top coat</li> <li>● non- PVC flooring top coat</li> <li>● plastic and wood coating in combination with acrylic emulsion</li> </ul>	<ul style="list-style-type: none"> <li>● very hard and tough</li> <li>● water and staining resistance</li> <li>● good chemical resistance</li> <li>● very flexible</li> <li>● abrasion resistance</li> </ul>
L-3033	39.3	8.2	NMP	500				<ul style="list-style-type: none"> <li>● industrial enamels</li> <li>● automotive primer</li> </ul>	<ul style="list-style-type: none"> <li>● good mechanical and film properties</li> <li>● solvent resistance</li> <li>● flexible</li> </ul>
L-3042	35.4	7.9	NMP	100	53	230	151	<ul style="list-style-type: none"> <li>● PVC flooring top coating</li> <li>● metal and plastic coating / primer</li> <li>● wood and parquet lacquer / coating</li> <li>● overprint varnishes</li> <li>● furniture and texture coating</li> </ul>	<ul style="list-style-type: none"> <li>● very hard and tough</li> <li>● very flexible</li> <li>● good chemical and solvent resistance</li> <li>● good adhesion to plastics</li> <li>● water, humidity, UV resistance</li> </ul>
L-3050	34.7	8.0	NMP	90	80	170	163	<ul style="list-style-type: none"> <li>● PVC top coat</li> <li>● non-PVC top coat</li> <li>● metal coating</li> <li>● wood and parquet lacquer/coating</li> </ul>	<ul style="list-style-type: none"> <li>● very hard and tough</li> <li>● very flexible</li> <li>● good chemical and solvent resistance</li> <li>● good adhesion to plastics</li> <li>● water, humidity, UV resistance</li> </ul>



## UV curable type

ITEM NO.	SOLID CONTENT (%w/w)	PH 25°C	Cosolvent	VISCOSITY (25°C mPa.s)	100%modulus kg/cm2 100%	Elongation	Tensile Strength kg/cm2	MAIN USES	SPECIAL FEATURES
L-3410	39.8	8.0		200				<ul style="list-style-type: none"><li>● PVC and non-PVC flooring</li><li>● furniture coating</li><li>● paper and plastic coating</li><li>● overprint varnishes and inks</li><li>● wood/parquet lacquer/coating</li></ul>	<ul style="list-style-type: none"><li>● hard and flexible</li><li>● abrasion resistance</li><li>● hand dry before UV curing</li><li>● chemical and stain resistance</li></ul>



## AQUEOUS POLYURETHANE/ACRYLATES Aliphatic polyester polyol types

ITEM NO.	SOLID CONTENT (%)	PH 25°C	M. F. T. (°C)	VISCOSITY (25°C CPS)	Freeze/Thaw Stable	MAIN USES	SPECIAL FEATURES
L-3926	35.0	8	34	<100	yes	<ul style="list-style-type: none"> <li>● industrial wood coating</li> <li>● pigment board coating</li> </ul>	<ul style="list-style-type: none"> <li>● water, chemical and UV resistance</li> <li>● imprint and blocking resistance</li> <li>● good wood wetting</li> <li>● sandability</li> </ul>
L-3935	34.5	7.8	<15	100	yes	<ul style="list-style-type: none"> <li>● industrial wood coating</li> <li>● parquet lacquer</li> <li>● concrete floor coating</li> <li>● wood varnishes</li> <li>● metal coating</li> </ul>	<ul style="list-style-type: none"> <li>● tough, flexible and clear</li> <li>● high water and alcohol resistance</li> <li>● chemical and abrasion resistance</li> <li>● non yellowing</li> </ul>
L-3952	35.2	7.8	29	90	yes	<ul style="list-style-type: none"> <li>● parquet lacquer (flat)</li> <li>● inks</li> <li>● decorative paint</li> </ul>	<ul style="list-style-type: none"> <li>● excellent chemical resistance</li> <li>● excellent BHMR</li> <li>● non yellowing</li> </ul>
L-3958	35.0	8.0	xxxx	75	no	<ul style="list-style-type: none"> <li>● clear coat on flexible substrates</li> <li>● cork floor lacquer</li> </ul>	<ul style="list-style-type: none"> <li>● excellent chemical resistance</li> <li>● very flexible film</li> <li>● non yellowing and low hardness</li> </ul>
L-3965	35.2	8.0	30	500	yes	<ul style="list-style-type: none"> <li>● primer and top coat for furniture lacquer</li> <li>● industrial wood coating</li> <li>● parquet lacquer</li> </ul>	<ul style="list-style-type: none"> <li>● excellent wood wetting and flow</li> <li>● scratch resistance</li> <li>● chemical and solvent resistance</li> <li>● glossy and transparent</li> </ul>
L-3973	34.8	9.1	xxxx	100	yes	<ul style="list-style-type: none"> <li>● industrial wood coating</li> </ul>	<ul style="list-style-type: none"> <li>● excellent wood wetting and flow</li> <li>● hard, glossy and transparent</li> <li>● chemical and scratch resistance</li> <li>● hand-cream resistance</li> </ul>
L-3711	35.3	8.2	xxxx	100	yes	<ul style="list-style-type: none"> <li>● industrial wood coating</li> </ul>	<ul style="list-style-type: none"> <li>● excellent wood wetting and flow</li> <li>● scratch resistance</li> <li>● chemical resistance</li> <li>● high transparency</li> </ul>



L-3722	33.3	8.8	45	<175	yes	<ul style="list-style-type: none"> <li>● industrial wood coating</li> </ul>	<ul style="list-style-type: none"> <li>● good wood wetting</li> <li>● block resistance</li> <li>● chemical resistance</li> <li>● Hard</li> <li>● hand-cream resistance</li> </ul>
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**AQUEOUS POLYURETHANE/ACRYLATES Aliphatic polyester polyol types**

ITEM NO.	SOLID CONTENT (%)	PH 25°C	M. F. T. (°C)	VISCOSITY (25°C CPS)	Freeze/Thaw Stable	MAIN USES	SPECIAL FEATURES
L-3728	38.2	8.0	xxxx	<80	yes	<ul style="list-style-type: none"> <li>● Industrial wood coating</li> </ul>	<ul style="list-style-type: none"> <li>● excellent wood wetting and flow</li> <li>● scratch resistance</li> <li>● chemical and solvent resistance</li> <li>● glossy and transparent</li> </ul>