



Lubrizol

PAPER & TEXTILES

FORMALDEHYDE-FREE SOLUTIONS

NONWOVENS, SPECIALTY PAPER AND TEXTILES

Lubrizol offers a wide variety of polymers and custom-formulated solutions for nonwovens, specialty paper and textile applications—including environmentally-friendly, NMP-free and formaldehyde-free alternatives—to impart strength, durability, flame resistance, barrier properties and more. Our formaldehyde-free portfolio consists of a broad line of technologies in which formaldehyde is not known to be present in any of the raw materials used, nor added as a preservative, nor generated during the curing process. Ultimately, this means the formaldehyde level is below the detectable limit of 2 ppm.

The Lubrizol Advantage

Lubrizol polymers help enhance products used in a variety of applications, including surgical nonwovens, filters, gaskets, fiberglass mat, automotive, construction and more. You'll meet your compliance product objectives without sacrificing performance.

WHAT WE ADD MAKES THE DIFFERENCE.™

APPLICATION SOLUTIONS

- CONSTRUCTION
- FILTRATION
- TRANSPORTATION
- MEDICAL
- TECHNICAL TEXTILES
- ABRASIVES
- TAPE & TAPE
RELEASE COATINGS
- WIPES
- THERMOSET MODIFICATION
- FIBERGLASS MAT
- GASKETING
- WALLPAPER

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FORMALDEHYDE-FREE* PRODUCTS

	PRODUCT CHARACTERISTICS													SUITABLE SUBSTRATES					ADDITIONAL INFORMATION
	Tg °C	SOLIDS	CHARGE	pH	VISCOSITY	CARBOXYLATED	HYDROPHOBICITY	SOLVENT RESISTANCE	FLAME RETARDANCE	WET STRENGTH	RESILIENCE	PLEATABILITY	CELLULOSICS	FIBERGLASS	PES & NYLON	TEXTILES	OTHER	MARKET OPPORTUNITIES	
SOFT	Hycar® 26-1771	-43	50	A	3	100	•	•	•						•	•	Flame retardancy, salt tolerance, PSA		
	Hycar® 26-1743	-43	50	A-N	8	100	•				•		•	•	•	•	Elasticity, soft, recovery		
	Hycar® 26-1199	-15	49	A	4	500	•	•		•	•		•		•	•	High surface tension, caustic resistance		
	Hycar® 26552	-15	47	A	5	110	•	•		•	•		•		•	•	Nonwovens, hydrophobic		
	Hycar® 26978	-12	43	A	4	50	•	•	•	•	•		•	•	•	•	Label, paper coatings, medical		
	Carbocure™ FF-5	-5	39	A	4	50			•	•	•		•	•	•	•	Filtration, paper, nonwoven, thermoset		
	Hycar® 26469	-4	49	N	4	100	•				•		•	•	•		Medical, tape		
	Hycar® FF-26916	0	50	A	8	100	•	•	•	•	•		•	•	•	•	Bookcover, glass mat		
	Hycar® 26-1497	5	50	A	3	150	•	•		•	•		•	•	•	•	Flame retardancy, carpet, barrier		
	Hycar® 26951	5	44	A	9	100		•	•	•	•		•	•	•	•	Good adhesion to polyolefins, low temperature cure		
	Hycar® 26948	7	52	A	4	100	•		•	•		•		•	•		Paper, labels, tape		
	Vycar® 578	11	57	A	10	40		•	•	•	•	•		•	•	•	Flame retardancy, heat seal-PVC		
MEDIUM	Vycar® 580X83	17	56	A	10	30		•	•	•	•		•	•	•		Heat seal		
	Vycar® 577	19	56	A	10	17		•	•	•	•		•	•	•		Heat seal, glass mat		
	Hycar® 26548	20	46	A	3	40	•			•		•				•	Food grade, filtration, hydrophillic		
	Hycar® 26-1265	23	49	A	4	350	•	•		•		•	•	•	•		Nonwovens - caustic resistance		
	Hycar® 26-1084	27	40	A	4	80	•	•		•		•	•	•	•		Nonwicking glass mat		
	Hycar® FF-26921	29	45	A	8	150	•	•	•	•		•	•	•			Glass mat, filter media, fast cure		
	Hycar® 26907	31	48	A	6	100	•	•		•			•	•	•		Filtration, low extractable		
	Vycar® VA-1022	32	57	N	5	1300		•		•		•	•		•		Box board, adhesive, packaging		
Hycar® 26599	42	46	A	3	15	•			•		•	•				•	Food grade, filtration, hydrophillic		
HARD	Hycar® 26-1475	50	50	A	4	350	•	•		•		•		•	•		High surface tension, caustic resistance nonwovens, moldable		
	Vycar® TN-810	54	52	A	9	20	•		•	•	•			•	•		Nonwovens, flame retardancy, moldable		
	Hycar® TN-621	56	47	A	5	50	•	•		•		•	•	•			Nonwovens, moldable, stiffness		
	Vycar® 351	62	57	A	10	20		•	•	•	•			•	•		Flame retardancy, pleatable		
	Vycar® 352	69	57	A	10	20		•	•	•	•			•	•		Flame retardancy, pleatable		
	Vycar® 460X104	73	55	A	9	15	•		•	•	•			•	•		Filtration, nonwovens, paper		
	Vycar® 151	85	50	A	10	20		•	•	•	•						Flame retardancy, hard		
	Carboset™ 3076	N/A	46	A	3	200	•	•		•		•	•	•			Thermoset, B-Stage curable, filtration		
POLYURETHANE DISPERSIONS	PRODUCT CHARACTERISTICS													SUITABLE SUBSTRATES					ADDITIONAL INFORMATION
	Sancure® 20025F	SOFT	48	A	8	500	•	•			•				•	•	•	Soft – NMP-free**, heat sealing	
	Permax™ 232	SOFT	35	N	6	750	•				•				•	•	•	HMVT, hydrophillic, apparel, construction	
	Permax™ 202	MED	41	N	6	1000	•				•				•	•	•	HMVT, hydrophillic, apparel, construction	
	Sancure® 2715	MED	38	A	8	750	•	•			•				•	•	•	Paper saturation, compounding	
	Sancure® 861	MED	40	A	8	1000	•	•			•				•	•	•	Hook & loop, scrub pad, military	
Sancure® 20041	FIRM	45	A	8	100	•	•								•		Hard - NMP-free**		

*Formaldehyde content is below the detectable level of 2 ppm.

**Not intentionally used in the formulation, but trace amounts may be detectable at less than 0.1% and typically less than 0.05%.

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