



FlexaTracTM-DME

PAINT STRIPPER SOLVENT

FlexaTrac™-DME

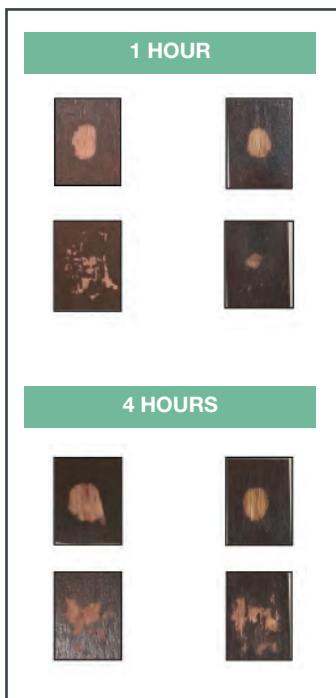
FlexaTrac-DME is an environmentally friendly biodegradable blending solvent that can be used in household and professional paint strippers. It has an excellent health, safety and environmental profile with mild to no odor.

FlexaTrac-DME meets the Organisation for Economic Cooperation and Development's standards for inherent biodegradability.

FlexaTrac-DME can be safely used on wood, plastic and metal substrates without damaging the substrate surface.



FlexaTrac-DME-100	NMP
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FlexaTrac-DME-100	FlexaTrac-DME-100 DCM 80:20 wt. %	FlexaTrac-DME-100 NMP 80:20 wt. %
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FlexaTrac-DME works well as a paint stripper on a wide range of resins including acrylics, alkyds, polyesters and polyurethanes. FlexaTrac-DME is a good alternative to perceived non-environmentally friendly options such as acetates, dichloro methane (DCM), glycol ethers and n-methyl-2-pyrrolidone (NMP).

KEY ATTRIBUTES

- Excellent polymer solvency
- Mild to no odor
- Excellent HSE profile
- Controlled solvent evaporation rate
- High miscibility with most organic solvents
- Readily biodegradable
- Clear and colorless liquids



CHEMICAL PROPERTIES

	FlexaTrac-DME-100	FlexaTrac-DME-200	FlexaTrac-DMS-400	FlexaTrac-DMG-500	FlexaTrac-DMA-600
Dimethyl Succinate (wt. %)	15-25	1.0 max.	98.5 min.	1.0 max.	1.0 max.
Dimethyl Glutarate (wt. %)	59-73	72-76	1.0 max.	99.0 min.	1.0 max.
Dimethyl Adipate (wt. %)	10-20	23-27	1.0 max.	1.0 max.	99.0 min.
Acid content max. (mg KOH/g)	0.3	0.1	0.1	0.1	0.1
Water content max. (wt. %)	0.1	0.1	0.1	0.1	0.1
Methanol content max. (wt. %)	0.2	0.1	0.1	0.1	0.1
Color max. (APHA)	15	15	15	15	15

PHYSICAL PROPERTIES

Molecular weight	159	163	146	160	174
Distillation range (°C)	211-214	203-220	192-201	203-214	216-230
Density at 25°C (#/gal)	9.07	8.98	9.28	9.03	8.82
Specific gravity at 25°C	1.09	1.076	1.112	1.082	1.057
Viscosity at 25°C (cps)	2.64	3.31	3.91	3.66	4.33
Solubility in water (wt. %)	5.6	4.3	10.3	5.1	2.1
Water solubility in DMEs (wt. %)	3.3	3.2	4.0	2.9	2.9
Freezing point (°C)	-38	-42.4	16.8	-37.5	9.4
Flash point (°C)	98	108	94	107	124
Surface tension (dynes/cm)	35.3	35	34.6	35.6	35.1
Vapor pressure at 25°C (torr)	0.06	0.04	0.12	0.05	0.01
Boiling point (°C)	211-214	203-220	192-201	203-214	216-230
KB values	38.6	44.4	28.1	41.6	56.6

*NOTE: Product specifications are subject to change without notice. Please write or call us for our current product specifications.

About Ascend

Ascend Performance Materials is a global leader in the production of high-quality plastics, chemicals, and fibers. As the world's largest fully integrated manufacturer of nylon 6,6 resin, our manufacturing processes are vertically integrated, ensuring the highest level of quality and economies of scale. Ascend's specialty chemicals and blends of acids, amines and esters are used in a variety of applications and industries. We offer customized solutions through formulated products and superior technical support.

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