

Primary Fatty Amine:										
		ILCOMIN	ILCOMIN	ILCOMIN	ILCOMIN	ILCOMIN	ILCOMIN	ILCOMIN	ILCOMIN	
		8040 T	8040 TD	8020 SD	8020 SDF	8010 T	8010 TD	8015 C	8015 CD	
Parameter	Unit	Tallow	Tallow dest.	Stearyl dest.	Stearyl flakes	Tallow hydr.	Tallow hydr. dest	Coco	Coco dest	
Primary amine	[%]	min. 95	min. 98	min. 95	min. 98	min. 95	min. 98	min. 94	min. 98	
Secondary amine	[%]	max. 3	max. 1	max. 4	max. 2	max. 3	max. 1	max.4	max. 1	
Amine number	[mgKOH/g]	min. 207	min. 210	min. 202	min. 204	min. 207	min. 210	min. 270	min. 280	
Color Gardner		max. 5	n.a.	max. 5	n.a.	max. 5	n.a.	max. 6	n.a.	
Color APHA		n.a.	max. 100	n.a.	max. 100	n.a.	max. 50	n.a.	max. 50	
Water content	[%]	max. 0.5	max. 0.5	max. 0,5	max. 0.3	max. 0.5	max. 0.5	max. 0.5	max. 0.5	
Iodine number	[g/100g]	min. 40	min. 40	max. 5	max. 3	max. 5	max. 5	max. 12	max. 12	
C-Distribution										
C8	[%]							~6	~6	
C10	[%]							~6	~6	
C12	[%]							~54	~54	
C14	[%]							~18	~18	
< C 16	[%]	~5	~5			~5	~5			
C 16	[%]	~30	~30	max. 10	max. 10	~30	~30	~8	~8	
C18	[%]	~64	~64	min. 90	min. 90	~64	~64	~8	~8	
> C18	[%]	~1	~1	max. 2	max. 2	~1	~1			
Average Molweight										
prim. Amine	[g/mol]	262	262	268	268	263	263	195	195	
Density 70°C	[g/ml]	0.78	0.78	n.a.	0.80	0.78	0.79	0.79	0.79	
Solidification point	[°C]	~30	27-33			~42	~44			
Melting range	[°C]	n.a.	n.a.	n.a.	50-60	n.a.	n.a.			
CAS-Nr.		61790-33-8	61790-33-8	124-30-1	124-30-1	61788-45-2	61788-45-2	61788-46-3	61788-46-3	
EINECS Nr.		263-125-1	263-125-1	204-695-3	204-695-3	262-976-6	262-976-6	262-977-1	262-977-1	