



**Castor Oil
Number One Grade**

Value	AOCS
Color, Lovibond (5 1/4"). max.	
20 Y 2.0 R	Cc 13e-92
Free Fatty Acids, max.	
1.00 %	Ca 5a-40
Moiture & Volatile, max.	
0.25 %	Ca 2c-25
Insoluble Impurities, max.	
0.02 %	Ca 3a-46
Hydroxyl Value	
160 - 168	Cd 13-60
Viscosity, Stokes	
6.3 - 8.9	Tq 1a-64
Ricinoleic Acid, min.	
85 %	ISO 5508/5509
Appearance @ 25 Deg. C	
Clear	



**Castor Oil
Pale Pressed Grade**

Value	AOCS
Color, Lovibond (5 1/4"). max.	
10 Y 1.0 R	Cc 13e-92
Free Fatty Acids, max.	
0.75 %	Ca 5a-40
Moiture & Volatile, max.	
0.25 %	Ca 2c-25
Insoluble Impurities, max.	
0.01 %	Ca 3a-46
Hydroxyl Value	
160 - 168	Cd 13-60
Viscosity, Stokes	
6.3 - 8.9	Tq 1a-64
Ricinoleic Acid, min.	
85 %	ISO 5508/5509
Appearance @ 25 Deg. C	
Brilliantly Clear	



**Castor Oil
Extra Pale Grade**

Value	AOCS
Color, Lovibond (5 1/4"). max.	
5 Y 0.8 R	Cc 13e-92
Free Fatty Acids, max.	
0.4 %	Ca 5a-40
Moiture & Volatile, max.	
0.20 %	Ca 2c-25
Insoluble Impurities, max.	
0.01 %	Ca 3a-46
Acid Value, max.	
0.8 %	Cd 3d-63
Odor	
Very Faint	
Ricinoleic Acid, min.	
85 %	ISO 5508/5509
Appearance @ 25 Deg. C	
Brilliantly Clear	



**Linseed Oil
Refined Linseed Oil**

Value	Test Method
Acid value, max., mg KOH/g	
1.0	ISO 660
Iodine colour value, max.	
4	ISO 4630
Gardner colour value	
4	ISO 4630
Iodine acc. min., g Iod/100g	
175	ISO 3961
Refractive index	
1.4785-1.4825	ISO 3960
Saponification, mg KOH/g	
188 - 195	ISO 3657
Viscosity according, dPas	
0.45 - 0.50	ISO 12058-1
Density at 20 C, g/cm3	
0.926 - 0.933	ISO 2811-1



**Linseed Oil
Double Boiled Linseed Oil**

Value	Test Method
Viscosity @ 20 C, dPas	
0.70 - 1.00	ISO 12058-1
Acid value, max., mg KOH/g	
5	ISO 660
Gardner colour value	
8.0 - 12.0	ISO 4630
Refractive index	
1.4810-1.4850	ISO 3960
Saponification value, mg KOH/g	
185 - 200	ISO 3657
Density at 20 C, g/cm3	
0.928-0.950	ISO 2811-1
Water content, max., %	
0.20	ISO 8534
Drying time at 15-20 C	
< 24 hrs	ISO 150



**Linseed Oil
Linseed Stand Oil 120 dPas**

Value	Test Method
Viscosity @ 20 C, dPas	
108 -132	ISO 12058-1
Acid value, max., mg KOH/g	
4.0 - 12.0	ISO 660
Gardner colour value	
2.0 - 8.0	ISO 4630
Refractive index	
1.489-1.492	ISO 3960
Saponification value, mg KOH/g	
186 - 200	ISO 3657
Density at 20 C, g/cm3	
0.95 - 0.97	ISO 2811-1
Iodine value acc., g Iod/100g	
100 - 120	ISO 3961
Flash point, min., C	
200	ISO 2592



**Albolith MSC 350
Molecular Sieve Paste**

Value	Test Method
Solids content %	
48.0 - 52.0	ISO 3251
Viscosity, mPas	
< 18000	ISO 2555
Density g/cm3	
1.25	ISO 2811-1
Hydroxyl value, mg KOH/g	
77 - 87	ISO 12966
Dispersing particle size, µm	
max. 50	
Pore size, A	
3	



Castor Meal

Specification and % Content	
Protein	30 -36
Crude Potash	5
Nitrogen	6
Phosphorous	2
Potassium	1