

# Reagecon

## Asphalt



Petrochemistry Standards

# Reagents and Standards for the Asphalt Industry



## ASTM D2162 Standard Practice for Basic Calibration of Master Viscometers and Viscosity Oil Standards

Product No.	20°C	25°C	37.78°C	40°C	50°C
REVIS-N.8	0.74	0.70	0.61	0.60	
REVIS-N2	2.9	2.6	2.1	2.0	1.7
REVIS-N4	6.7	5.8	4.2	4.0	3.2
REVIS-N7.5	14	12	8.0	7.5	5.8
REVIS-N14	30	24	15	14	10
REVIS-N26	59	47	27	25	18
REVIS-N44	110	87	48	44	30
REVIS-N75	210	160	83	75	50

Product No.	20°C	25°C	37.78°C	40°C	50°C
REVIS-N140	400	300	160	140	90
REVIS-S200	550	400	200	180	110
REVIS-N250	790	580	280	250	160
REVIS-N350	980	710	340	310	190
REVIS-N415	1400	1000	470	410	250
REVIS-S600	1800	1300	590	520	310
REVIS-N750	2600	1800	850	750	450
REVIS-N1000	3300	2300	1100	940	560
REVIS-N1400	4900	3500	1600	1400	830
REVIS-S2000	8400	5300	1900	1600	810
REVIS-N2500	7900	5800	2800	2500	1500
REVIS-N4000	19000	12000	4000	3400	1700
REVIS-N5100	28000	17000	6000	5100	2500
REVIS-S8000	41000	25000	8000	6700	3200
REVIS-N10200	58000	36000		10000	4900
REVIS-N15000	77000	47000		13000	6100
REVIS-N18000	100000	64000		18000	8500
REVIS-S30000		79000	28000	23000	11000

## Reagents, Titrants & Standards for ASTM D664

### Acid Number of Petroleum Products by Potentiometric Titration

Product No.	Description	Pack Size	ASTM
EFSLIET	Electrolyte: 1M lithium Chloride in Ethanol	100ml	D664
104025	Buffer pH 4.00 - 25°C	1L	D664
107025	Buffer pH 7.00 - 25°C	1L	D664
111025	Buffer pH 11.00 - 25°C	1L	D664
PH 20101	0.1M Hydrochloric Acid in propan-2-ol	1L	D664
PH 201005	0.1M Hydrochloric Acid in propan-2-ol	500ml	D664
KOH01F	0.1M Potassium Hydroxide in propan-2-ol	1L	D664
KOH01H	0.1M Potassium Hydroxide in propan-2-ol	500ml	D664
KOH001F	0.01M Potassium Hydroxide in propan-2-ol	1L	D664
KOH001H	0.01M Potassium Hydroxide in propan-2-ol	500ml	D664
TANSOLVF	TAN Titration solvent. Per litre: 500mls toluene, 495mls propan-2-ol, 5mls water	1L	D664

### TAN Standards: All in a Synthetic Base Oil Matrix

Product No.	Description	Pack Size	ASTM
RETAN01	TAN standard: 0.1mg/g KOH	50g	D664
RETAN05	TAN standard: 0.5 mg/g KOH	50g	D664
RETAN10	TAN standard: 1.0 mg/g KOH	50g	D664
RETAN15	TAN standard: 1.5 mg/g KOH	50g	D664
RETAN20	TAN standard: 2.0 mg/g KOH	50g	D664
RETAN25	TAN standard: 2.5 mg/g KOH	50g	D664
RETAN30	TAN standard: 3.0 mg/g KOH	50g	D664
RETAN45	TAN standard: 4.5 mg/g KOH	50g	D664

## Reagents, Titrants & Standards for ASTM D2896

### Base Number of Petroleum Products by Potentiometric Titration

Product No.	Description	Pack Size	ASTM
P2010F	0.1M Perchloric Acid in glacial acetic acid	1L	D2896
P2010H	0.1M Perchloric Acid in glacial acetic acid	500ml	D2896
EFSNACLO4	Electrolyte: saturated sodium perchlorate in glacial acetic acid	100ml	D2896
TBNSOLV1F	TBN Titration solvent - 2:1 chlorobenzene and glacial acetic acid	1L	D2896
NAAC010F	0.1N sodium acetate in glacial acetic acid	1L	D2896
NAAC010F	0.1N sodium acetate in glacial acetic acid	500ml	D2896
104025	Buffer pH 4.00 - 25°C	1L	D2896
107025	Buffer pH 7.00 - 25°C	1L	D2896
111025	Buffer pH 11.00 - 25°C	1L	D2896
TBNSOLV2F	TBN Titration solvent - 0.4M tetraethylammonium bromide in	1L	D2896

### TBN Standards: All in a Synthetic Base Oil Matrix.

Product No.	Description	Pack Size	ASTM
RETBN1	TBN Standard: 1.0 mg/g KOH	50g	D2896
RETBN3	TBN Standard: 3.0 mg/g KOH	50g	D2896
RETBN6	TBN Standard: 6.0 mg/g KOH	50g	D2896
RETBN10	TBN Standard: 10 mg/g KOH	50g	D2896
RETBN15	TBN Standard: 15 mg/g KOH	50g	D2896
RETBN30	TBN Standard: 30 mg/g KOH	50g	D2896
RETBN40	TBN Standard: 40 mg/g KOH	50g	D2896
RETBN70	TBN Standard: 70 mg/g KOH	50g	D2896