



PROCOR CHEMICALS, INC.

Technical Data Sheet PRO Nite T™



DESCRIPTION
PRO Nite T™ is a natural hydrocarbon resin that is treated and specifically produced for water-based drilling fluid applications although it can be used in diesel based muds and performs extremely well in that environment. It is used for borehole stability, reducing and tightening wall cake, fluid loss control and ROP due to the slickening of the wellbore.

TYPICAL PROPERTIES	
Appearance	Dark brown to black powder
Typical particle diameter	5-325 microns
Specific gravity, g/cc	1.04-1.10
Melting Point °F	320°-340°
Softening Point °F	180°-200° (R&B Pre-Melt Method)
LC 50 Testing	PPM: >324,004 ≤ 0.1, Pass

SCREEN MESH ANALYSIS, TYPICAL (PULVERIZED)				
U.S. Mesh	20	50	100	200
% Retained	0	0.5	1.5	18.0

PERFORMANCE DATA @ 10 PPB - 15 HOUR 250 F HOT ROLLED RHEOLOGY AND FILTRATES		
	BASE MUD	PRO Nite T
Fann 600	56.5	49
Fann 300	31.5	26
Fann 200	23.5	19
Fann 100	13.5	10.5
Fann 6	2.5	1.5
Fann 3	2	1
PV	25	23
YP	6.5	3
10 sec. gel strength	2.5	1
10 min gel strength	12	7.5
API filtrate, ml	4.8	3.7
HPHT filtrate, ml@275F	12.4	10.8
HTHP, ml @ 250 deg Int Sp	7	5
HTHP, ml @ 250 deg 30min	10.5	8.5

PACKAGING
PRO Nite T™ is packaged in 50 lb. sx./ 50 sxs. per pallet.