

U. S. BUREAU OF MINES
HYDRO. DEMON. PLANT DIV.

T-366

KCBraun
5-22-47

Comparison of Pitches and Asphalts
By Schiffmann, Ludwigshafen, 6 November 1942

	High Temp. Tar Pitch		Bit. Coal Hydrog.	Bit. Coal Bitumen	L.T.C. Tar S-Asphalt	Crude Tar Pitch	Trinidad Asphalt
	Upper Silesia	Ruhr	S-Asphalt Pölitz		Brux	Upper Silesia	
% C	92.83	91.00	91.19	88.91	80.49	82.95	81.0
% H	4.58	4.83	4.79	5.53	6.29	7.45	10.5
% O	1.40	2.27	2.61	3.23	11.73	8.27	0.8
% N	0.93	1.10	1.33	1.70	1.09	1.06	0.7
% S	0.26	0.80	0.08	0.63	0.40	0.27	7.0
gH/100gC	4.94	5.31	5.75	6.21	7.80	8.98	13.0
gO+N+S/ 100gC	2.8	4.58	4.4	6.26	16.5	11.6	10.5
Melt. Pt. °C	67	73	-	208	-	50	87