

SORTED BY BTU FROM LEAST TO GREATEST

Sample #	Wood scraps to briquettes 7	Oak 8	Pecan 11	SCI juniper 3	Salt Cedar 10	Hardwood floors and furniture (oak, maple and hickory) 6	SCI pinon 4	Mesquite 9	SCI ponderosa SDT 1	SCI encino oak 2	SCI ponderosa Ocate 5
Drying Loss	2.67%	2.21%	2.99%	1.79%	3.29%	2.80%	2.57%	2.74%	2.22%	2.26%	1.36%
Ash	17.24%	7.42%	4.37%	3.37%	2.78%	0.85%	1.18%	2.97%	1.30%	2.63%	1.95%
Vol. Matter	29.44%	22.88%	24.36%	30.42%	20.76%	25.44%	24.95%	18.17%	26.02%	14.28%	12.58%
Fixed Carbon	50.65%	67.49%	68.28%	64.42%	73.17%	70.91%	71.30%	76.12%	70.46%	80.83%	84.11%
HHV - BTU/lb	9,372	11,779	12,142	12,500	12,674	12,845	13,062	13,152	13,180	13,633	14,036

SORTED BY FIXED CARBON FROM LEAST TO GREATEST

Sample #	Wood scraps to briquettes 7	SCI juniper 3	Oak Tree Forest 8	Pecan 11	SCI ponderosa SDT 1	Hardwood floors and furniture 6	SCI pinon 4	Salt Cedar 10	Mesquite 9	SCI Encino oak 2	SCI Ponderosa Ocate 5
Drying Loss	2.67%	1.79%	2.21%	2.99%	2.22%	2.80%	2.57%	3.29%	2.74%	2.26%	1.36%
Ash	17.24%	3.37%	7.42%	4.37%	1.30%	0.85%	1.18%	2.78%	2.97%	2.63%	1.95%
Vol. Matter	29.44%	30.42%	22.88%	24.36%	26.02%	25.44%	24.95%	20.76%	18.17%	14.28%	12.58%
Fixed Carbon	50.65%	64.42%	67.49%	68.28%	70.46%	70.91%	71.30%	73.17%	76.12%	80.83%	84.11%
HHV - BTU/lb	9,372	12,500	11,779	12,142	13,180	12,845	13,062	12,674	13,152	13,633	14,036

SORTED BY ASH FROM LEAST TO GREATEST

Sample #	Hardwood Floors and Furniture 6	SCI pinon 4	SCI Ponderosa SDT 1	SCI Ponderosa Ocate 5	SCI Encino oak 2	Salt Cedar 10	Mesquite 9	SCI Juniper 3	Pecan 11	Oak Tree Forest 8	Wood scraps to briquettes 7
Drying Loss	2.80%	2.57%	2.22%	1.36%	2.26%	3.29%	2.74%	1.79%	2.99%	2.21%	2.67%
Ash	0.85%	1.18%	1.30%	1.95%	2.63%	2.78%	2.97%	3.37%	4.37%	7.42%	17.24%
Vol. Matter	25.44%	24.95%	26.02%	12.58%	14.28%	20.76%	18.17%	30.42%	24.36%	22.88%	29.44%
Fixed Carbon	70.91%	71.30%	70.46%	84.11%	80.83%	73.17%	76.12%	64.42%	68.28%	67.49%	50.65%
HHV - BTU/lb	12,845	13,062	13,180	14,036	13,633	12,674	13,152	12,500	12,142	11,779	9,372

Green highlights are SCI charcoal
 Except for one briquette type, all the rest are lump charcoal

BTU'S - THE HIGHER THE BTU THE MORE ENERGY PER POUND OF CHARCOAL
 FIXED CARBON - THE HIGHER THE FIXED CARBON THE BETTER THE CHARCOAL BURNS
 LOWER ASH MEANS LESS UNCOMBUSTIBLE RESIDUE