

Georgia Gulf

Data Sheet

8150 & 7140

Property Comparison of Natural & Whites

General Properties	Test Method	8150 Natural 00	8150 White 91	8150 White 119	8150 White 209	7140 White 91
Specific Gravity	ASTM D-792	1.389	1.463	1.448	1.466	1.460
Mechanical Properties	Test Method					
Tensile Strength, psi	ASTM D-638	7,160	6,980	7,060	7,020	7,050
Tensile Modulus, psi	ASTM D-638	482,000	519,000	548,000	519,000	523,000
Flexural Strength, psi	ASTM D-790	11,670	11,460	11,630	11,500	11,570
Flexural Modulus, psi	ASTM D-790	388,000	385,000	390,000	385,000	390,000
$\frac{1}{8}$ " Notched Izod Impact, ft-lbs/in	ASTM D-256	13.8	19.0	17.3	17.5	17.6
$\frac{1}{4}$ " Notched Izod Impact, ft-lbs/in	ASTM D-256	2.0	2.8	2.3	2.5	2.6
Thermal Properties	Test Method					
HDT at 66 psi, °C	ASTM D-648	66.1	65.8	66.2	65.9	66.3
HDT at 66 psi, °C (annealed)	ASTM D-648	69.7	69.8	69.3	69.6	66.9
HDT at 264 psi, °C	ASTM D-648	59.8	59.9	60.2	60.2	60.2
HDT at 264 psi, °C (annealed)	ASTM D-648	67.3	67.1	67.0	67.3	67.7

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