



SEKISUI CHEMICAL GMBH

Roßstr. 92
40476 Düsseldorf
Tel. +49 (0) 211 36977-0
E-mail: contact@sekisui.de
www.sekisui-rail.com

Product data sheet

FFU 74 synthetic wood - railway sleeper

Characteristics	Unit of measure	FFU synthetic wood	Norm
Density	kg/m ³	740	JIS Z 2101
Hardness, strength	kg/cm ²	42	JIS Z 2101
Hardness, modulus	kg/cm ²	80	JIS Z 2101
Compressive strength	kg/cm ²	48	JIS Z 2101
Shearing strength	kg/cm ²	10	JIS Z 2101
Flex. stress	kg/cm ²	28	JIS Z 2101
Longitudinal expansion	%	0,1-0,2	JIS Z 2101
Impact resistance	kg/cm ²	80	JIS Z 2101
Wear resistance	kg/cm ²	80	JIS Z 2101
Wear resistance	kg/cm ²	11	JIS Z 2101
Flex. modulus (11)	kg/cm ²	110	JIS Z 2101
Flex. modulus (12)	kg/cm ²	100	JIS Z 2101
Flex. modulus (13)	kg/cm ²	100	JIS Z 2101
Max. creep (14)	%	28	JIS Z 2101
Max. creep (15)	%	40	JIS Z 2101