



Karamatsu - Japanese Larch: Specification Sheet



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| <u>Scientific Name:</u> | Larix kaempferi |
| <u>Distribution:</u> | Central Honshu & Hokkaido Japan |
| <u>Average Dried Weight:</u> | 500 kg/m ³ |
| <u>Specific Gravity (Basic, 12% MC):</u> | 0.39 – 0.50 |
| <u>Janka Hardness:</u> | 2,670 N |
| <u>Modulus of Rupture:</u> | 80.1 MPa |
| <u>Elastic Modulus:</u> | 8,760 MPa |
| <u>Crushing Strength:</u> | 41.4 MPa |
| <u>Shrinkage (From green MC to oven dry MC):</u> | Radial: 3.50% Tangential: 7.50% |

Wood Color:

Yellow to reddish-brown heartwood with narrow, nearly white sapwood that contrasts distinctly with the heartwood.

Grain / Texture:

Mostly straight grain. Fine to medium texture with a smooth, subtly oily character.

Rot Resistance / Durability:

Moderately durable; more resistant than many softwoods but less durable than Hinoki or Sugi.

Aroma:

Faint resinous scent when freshly cut.

Applications:

Beams, decking, fence posts, exterior framing, railway ties, construction, boatbuilding, and general structural use.

Sustainability:

Grown in forests that have been sustainably managed for generations.

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