

ALPACAS FROM EIGHTH AND MUD



"Sheep eating grass" Photograph by Fir0002/Flagstafffotos under a CC BY-NC license



The Woolmark Company: Manufacturing, Merino wool fibers. 2018.

Merino

Merino wool comes specifically from Merino sheep in Australia and New Zealand, prized to have some of the finest and softest wool of any sheep.

- ✓ **Wear & Tear:**
 - High elasticity to provide natural stretch and durability
- ✓ **Biodegradability:**
 - Merino wool made up of keratin protein; biodegradable when exposed to moisture for an extended period
- ✓ **Ability to build dye:**
 - High absorbency allows dyes to be maintained
- ✓ **Bacteria:**
 - Naturally water repellent to discourage bacterial growth in humid conditions
- ✓ **Temperature Control/Insolation:**
 - Excellent breathability with ability to absorb high percentage of moisture from wearer to lower humidity against the body
- ✓ **Softness:**
 - Fibres are fine and soft; from ultra soft (11.5-15 μ m) to strong broad wool (23-24.5 μ m)
- ✓ **Yield Efficiency:**
 - Commercialized product within the textile industry provides a high yield with sheep specially bred for wool production. A Merino ram can produce 18kg/year.

