

4 Top Reasons to Pelletize CB Powders for Commercialization Using the Mars Mineral Pin Mixer



1 Mars Mineral has 50+ years of field-proven pelletizing experience to apply to your rCB application.

Our equipment is backed by an engineering staff qualified in rCB processing and a 24/7 tech support team.

2 Mars Mineral pin mixer is critical, enabling technology in the pelletization of rCB powder.

Pelletizes vCB powders and rCB powders from the thermal decomposition of end-of-life tires (ELT).

Demonstrated operational flexibility and capability to pelletize rCB powders into a wide range of consistent quality pellets that meet customer requirements.

3 Mars Mineral pin mixers provide trouble-free operation with minimal routine maintenance.

Manufactured with high-quality components and materials of construction.

Designed for one-piece continuous-flow operation vs. multiple-machine batch processing.

Reliably produce rCB pellets at high first-pass yield in the 0.125 – 1 mm size range and 20-50 g hardness range desired by rubber and plastics manufacturers.

Process rCB pellets at ambient temperature to minimize capital and operational costs and complexity.

4 Mars Mineral offers laboratory and pilot-scale pelletization capabilities.

Develops a customer-specific operational blueprint and training guide to process high-quality pellets consistently.

Produces sufficient quantities of pellets for market development and prospective customer evaluation.

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