Abstract

This work evaluates the physical properties affecting the flowability of the commercial rice flour. This flour/powder were selected because of the flow issues encountered by the mills/industries during bulk handling. A number of powder physical properties, including moisture content, particle size distribution, bulk density, compressibility index, angle of repose and co-efficient of friction were measured. Powder flowability was measured in terms of cohesive index, caking
Effect of Physical Properties on Flow ability of Commercial Rice Flour/Powder for Effective Bulk Handling

strength and powder flow speed dependency. These properties are used in interpreting the flow behaviour of the commercial rice flour.

References


**Index Terms**

Computer Science

Information Sciences

**Keywords**

Physical Properties  Cohesive Index  Caking Strength  Powder Flow Speed  Dependence.