

# DATA SHEET



## Description

*Phenolic cotton cloth laminated sheets is made of cotton cloth impregnated phenolic resin by processing under heat and pressure.*

## Features

*phenolic cotton Cloth Laminated Sheet material is the workhorse grade for general mechanical applications. It's strong and tough with very good wear resistance and they are easy to machine into finished components.*

*It's available with cotton fabric reinforcements, ranging from fine weave to coarse. In general, the medium to coarse wave grade is used for larger and more rugged components, requiring good all-round strength and toughness. The finer grade is chosen for their superior finish, higher dimensional stability and improved strength in thin sections.*

*The electrical properties also tend to be superior in the finer weave grade, but the range includes a medium fabric weave, with enhanced electrical properties, suitable for electromechanical application.*

*The three most widely used cotton fabric grades are 3025, 3025B and 3025C.*

## Applications

*Insulating structures or components for electrical machines and equipments.*