

Product Performance Summary

050-1300 Plastic Slam Action Latch

Dust/Dirt Cycle Test:

All examples achieved 20K cycles during testing in a dust chamber using 10lb. DSL (Door Seal Load) with minimal wear seen on any of the components. One (1) of the examples were taken to 100K cycles, also with minimal wear seen on any of the components.

Cold Impact (-40° F/-40° C) Test:

Examples were tested to determine the ultimate impact strength in a cold environment (-40° F/-40° C). The mean impact energy the latch will perform to is 70 in-lbs (7.9 Nm).

Static Load Test (Ambient Temp):

Examples were tested to determine the ultimate strength of the latch at room temperature (70° F/ 21.1° C). The minimum static load the latch will perform to is 750 lbf (3336 N).

Static Load Test (-40°F/-40°C):

Examples were tested to determine the ultimate strength of the latch at cold temperature (-40° F/-40° C). The minimum static load the latch will perform to at cold temperature is 650 lbf (2891 N).



500 Bailey Avenue
P.O. Box 350
New Hampton, IA 50659
United States
Tel: +1 641-394-3188
Fax: +1 641-394-2392
1-800-447-0343
www.trimarkcorp.com

TriMark Europe
Cedar Court
Walker Road
Bardon Hill
Coalville LE67 1TU
United Kingdom
Tel: +44(0)1530 512460
Fax: +44(0)1530 512461
www.trimarkeu.com