



ASTM D3163

Test Method for Determining Strength of Adhesively Bonded Rigid Plastic Lap-Shear Joints in Shear by Tension Loading

This test method is intended to complement Test Method ASTM D-1002 and extend its application to single-lap shear adhesive joints of rigid plastic adherends. The test method is useful for generating comparative shear strength data for joints made from a number of plastics. It can also provide a means by which several plastic surface treatments can be compared.

Due to the increased use of adhesive-bonded plastics as a result of the inherent advantages afforded by bonded rather than mechanically fastened joints, particularly the alleviation of stress raisers and stress cracking, there is a need for standard tests by which joints of various plastic substrates and adhesives can be compared. This method is intended to meet such need.

If you have any questions concerning this particular ASTM method, please feel free to give our office a call at (800) 334-5432 or email us your inquiry at info@nhml.com.

(D3163, D-3163, D 3163)

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