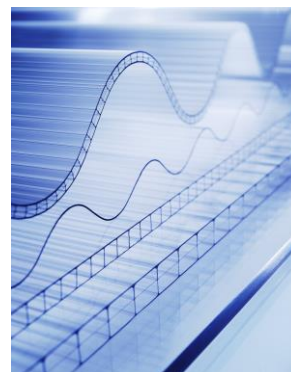




## IMPACT RESISTANCE



Of all glazing materials polycarbonate exhibits greatest resistance to impact over a temperature range of  $-20$  to  $+100^{\circ}\text{C}$ . It is approximately 200 times more resistant to impact than glass.

The impact test illustrated in Fig 1 demonstrates the impact resistance of Marlon products.

A striker of diameter 16 mm contacts a sample of sheet placed on a support ring with an inner diameter of 38 mm. A weight of 1.8 kg is dropped on to the striker from a height of 1.5 m. The resulting impact energy of 27 Nm only dents the sample; it does not crack or penetrate

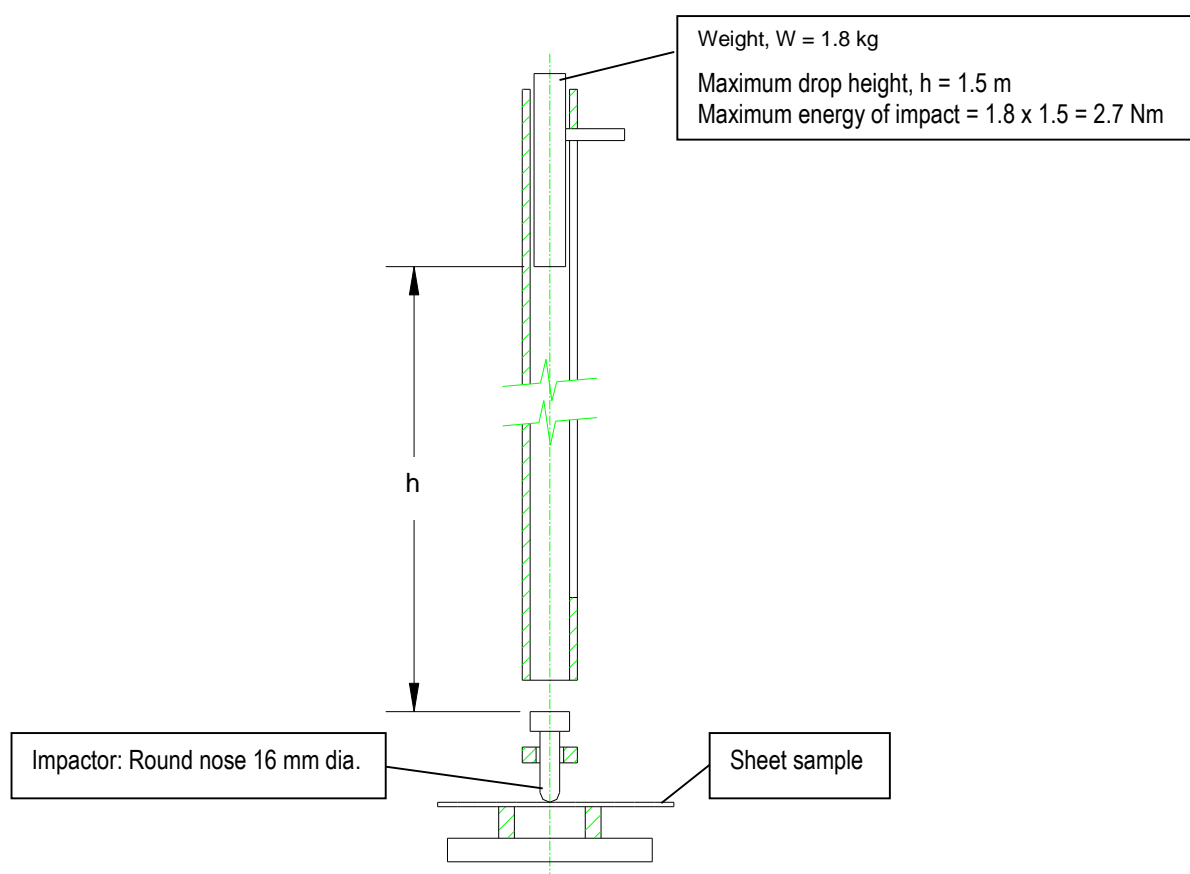


Fig 1. Impact resistance test



Access Plastics Ltd., pursues a policy of continuous product development and reserves the right to amend specifications without notice.

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