



Replacement Gravel for MTG and QGR Gravelometer

Overview

Replacement gravel and shot media is compatible with the discontinued MTG and QGR Gravelometer models. It is designed for testing automotive materials and coatings for resistance to gravel impact.



Our gravel and shot media complies with ISO, SAE, ASTM, VDA, GM, Ford, Chrysler, Mazda, JIS, Nissan, VW and Toyota test specifications. It is designed to test the following:


- Cohesional failure of topcoats
- Adhesion failures of different layers of a coating system
- Brittleness of hard, glassy materials
- Optimum film thickness for chip resistance
- Chipping, impact and abrasion resistance of plastics and glass

Gravel and Shot Media Types


Q-Lab offers five different kinds of gravel for use in chip impact testing. Using different gravel/shot sizes allows for a wide variety of results depending upon your needs.



Steel Shot (G-9651-X): Cast steel shot, 1.7 to 2.8 mm (0.066 to 0.111 in); for SAE J444 shot number S-780. 10 kg (22 lb) can.




Chilled Iron Grit (G-9652-X): 4 to 5 mm (0.16 to 0.20 in); conforms to VDA 621-427 and BI 157-06. 10 kg (22 lb) can.



Crushed Granite #6 G-9653-X: 4.8 to 14.2 mm (3/16 to 9/16 in); for most tests that specify JIS 5001 #6. 5 kg (11 lb) can.

Crushed Granite #7 G-9654-X: 3.2 to 4.8 mm (1/8 to 3/16 in); for most tests that specify JIS 5001 #7. 5 kg (11 lb) can.



Worn River Gravel (G-699): 9.5 to 15.9 mm (3/8 to 5/8 in), Standard Michigan; used in SAE J400 and ASTM D-3170. 16 kg (35 lb) box.

Historical Photographs of the Gravelometer (Discontinued*)



*For information about new Gravelometer testers or accessories, please visit www.hjunkel.com.

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