



Alloy Exchange, Inc.
300 Rockford Park Dr.
Rockford, MI 49341

Part#/Description: PC001, **PC/ABS Reprocessed Pellets**

Material Submitted: **Grey or Black Pellets**

NOTE: Tests data reported are the mean results of 13 consecutive lots (525,000 pounds) from production dated January 2012 to November 2013.

Specific Gravity = 1.12

Test Method: ASTM D792-00 Method A (Water Displacement)
No. of Specimens Tested: Three (3)

Flexural Modulus = 2159 (MPa) or 313,000 (psi);

Test Method: ASTM D790-03; Method I; Tangent
Ave. Thickness: 3.28 mm
Span: 50 mm
Speed: 1.3 mm/min.
No. of Specimens Tested: Five (5)

Tensile Stress = 47.21 (MPa) or 6848 (psi); 19.3% Elongation @ break

Test Method: ASTM D638-03, Type I Specimens
Ave. Thickness: 3.29 mm
Speed: 50 mm./min
No. of Specimens Tested: Five (5)

Izod Impact = 9.08 ft-lbs/in or 484 (J/m)

Test Method: ASTM D256-06
Ave. Thickness: 3.28 mm
No. of Specimens Tested: Five (5)

Heat Deflection Temperature = 208°F or 98°C

Test Method: ASTM D648-06, method A
Load: 264psi; 1.8 MPa
No. of Specimens Tested: Two (2)

Melt Index / Flow Rate = 3.50 (g/10 min.)

Test Method: ASTM D1238-04c: Method A;
Condition 230/3.8;
Temperature 230°C;
Load 3.8 kg;
samples dried 24 hours at 93°C prior to evaluation.
No. of Specimens Tested: Two (2)