



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

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

Material Submitted: **Black or Gray Pellets**

NOTE: Tests data reported are the mean results of 16 consecutive lots (65,000 lbs.)
from production dated March 2014 to July 2014.

Density = 1.12

Test Method: ISO 1183(2004-02-01), Method A (Water Displacement)
No. of Specimens/Lot Tested: Three (3)

Flexural Modulus = 2.0 (GPa)

Test Method: ISO 178 (2010-12-15), Method A
Ave. thickness: 3.96mm
No. of Specimens/Lot Tested; Ten (10)

Tensile Strength = 46.0 (MPa), 4.0% Elongation @ Yield

Test Method: ISO 527-1(1993-06-15) & ISO 527-2(1993-06-15),
Ave. thickness: 3.97mm,
Test Speed: 50.0 mm/min
No. of Specimens/Lot Tested; Five (5)

Charpy Impact = 36.83 kJ/m²

Test Method: ISO 179-1 (2008)/1eA
Specimen Thickness: 4.0 mm
No. of Specimens/Lot Tested: Ten (10)

Deflection Temperature = 97.5°C

Test Method: ISO 75-1(2013-04-15) & ISO 75-2(2013), flatwise
Ave. thickness: 4.0mm
No. of Specimens/Lot Tested: Two (2)

Vicat Softening Temperature = 110.4 °C

Test Method: ISO 306(2004-07-15) B50
Ave. thickness: 4.0 mm
No. of Specimens/Lot Tested: Two (2)

Melt Flow Rate = 21.3 (g/10 min.)

Test Method: ISO 1133(2005-06-01)
Samples dried 4 hours at 100°C prior to evaluation.
No. of Specimens/Lot Tested: Two (2)