



**ULTRA-POLY CORPORATION**

PIONEERING PLASTICS RECYCLING THROUGH INNOVATION  
102 DEMI ROAD, PORTLAND, PA 18351 • (570) 897-7500 • TOLL FREE (800) 932-0619

## TECHNICAL DATA SHEET

**PolyExcel**<sup>FCG</sup>

### **UP2089 NBPP FDA**

*Impact Copolymer Polypropylene Compound  
Injection Molding Grade*

UP2089 NBPP is a recycled, high impact copolymer polypropylene compound that is covered by an FDA NOL. This product is suitable for injection molding articles for contact with food under Conditions of Use E through G.

### **Typical Properties**

|                     | <u>Test Method</u> | <u>Result</u>    | <u>Units</u>    |
|---------------------|--------------------|------------------|-----------------|
| Melt Flow           | ASTM D1238         | 16 – 24          | g / 10 minutes  |
| Specific Gravity    | ASTM D792          | 0.890 – 0.945    |                 |
| Flexural Modulus    | ASTM D790          | 70,000 – 120,000 | psi             |
| Tensile Strength    | ASTM D638          | 1,900 – 3,200    | psi             |
| Notched Izod Impact | ASTM D256          | 2.80 – 8.00      | ft. * lb. / in. |
| Ash                 | ASTM D5630         | 2 - 9            | wt. %           |

As a full service compounder, Ultra-Poly can produce grades to meet application specific property profiles. For further details, please contact your local Ultra-Poly sales representative or call 1-800-932-0619 or email [Info@Ultra-Poly.com](mailto:Info@Ultra-Poly.com).

The information contained on this data sheet was generated by Ultra-Poly Corporation utilizing the identified industry standard testing procedures. This data is “typical data” and is expressly not intended to be a certification of any kind. This data is not intended to be used as a design specification. The suitability of this material for any application can only be determined by the developer of that application by actually testing the material in that application. **DO NOT USE THESE MATERIALS FOR ANY MEDICAL DEVICE OR COMPONENT, OR FOR ANY FOOD CONTACT APPLICATIONS.**