

## Description

**Polypropylene 3485WZ** produces thermoformed parts with good clarity, gloss and sidewall stiffness.

**High Purity:** 3485WZ features minimum taste and odor and optimum thermal stability for superior color and processability.

**FDA:** 3485WZ complies with all applicable FDA regulations and may be used under these provisions for food contact and packaging.

**Applications:** 3485WZ is ideal for deli containers, drinking cups, lids, and food service trays.

**Processing:** 3485WZ resin processes on in-line, narrow web thermoforming and solid phase pressure forming equipment with typical melt temperature at 450°-500°F (232-260°C).

## Characteristics

|   | Method                  | Unit                                 | Typical Value |
|---|-------------------------|--------------------------------------|---------------|
| <b>Rheological Properties</b>           |                         |                                      |               |
| Melt Flow                               | D-1238<br>Condition "L" | g/10 min                             | 4.1           |
| <b>Mechanical Properties</b>            |                         |                                      |               |
| Tensile                                 | D-638                   | psi                                  | 5,600         |
| Elongation                              | D-638                   | %                                    | 5.7           |
| Tensile Modulus                         | D-638                   | psi                                  | 280,000       |
| Flexural Modulus                        | D-790                   | psi                                  | 270,000       |
| Notched Izod Impact @ 73°F              | D-256A                  | ft.-lbs/in.                          | 0.8           |
| <b>Thermal Properties<sup>(1)</sup></b> |                         |                                      |               |
| Melting Point                           | DSC <sup>(2)</sup>      | °F                                   | 330           |
| Heat Deflection                         | D-648                   | °F @ 66 psi                          | 232           |
| <b>Other Physical Properties</b>        |                         |                                      |               |
| Density                                 | D-1505                  | g/cc                                 | 0.905         |
| Haze                                    | D-1003                  | % (on molded, 20-mil (0.5mm) plaque) | 20            |

(1) Data developed under laboratory conditions and are not to be used as specification, maxima or minima.

(2) MP determined with a DSC-2 Differential Scanning Calorimeter. Test procedure available upon request.

