

## L-270A UGCC Homo Polypropylene (Extrusion grade)

### Description

L-270A is the polypropylene Copolymer manufactured by under the Spheripol process. This grade is designed to potential end use applications include Extrusion coating on Woven and Kraft paper. Low neck-in, High speed process ability, Good adhesive property to paper and Kraft paper, Oil & moisture permeation resistance

### Application

Resin, fish, steel tube, dog food packaging  
Woven cloth, Kraft paper coating

| Physical Properties*   |                 |                      |           |
|--|-----------------|----------------------|-----------|
| Physical   | Testing methods | Nominal values       |           |
| Density (by Gradient technique)                              | ASTM D 1505     | gr/cm <sup>3</sup>   | 0.85-0.95 |
| Melt Flow Rate   | ASTM D 1238     | g/10min              | 24-28     |
| <b>Mechanical</b>  |                 |                      |           |
| Tensile Strength at Yield, min.                              | ASTM D 638      | kg f/cm <sup>2</sup> | 270       |
| Elongation at Break, min.                                    | ASTM D 638      | %                    | 100       |
| Flexural Modulus, min.                                       | ASTM D 790      | kg f/cm <sup>2</sup> | 13000     |
| <b>Impact</b>  |                 |                      |           |
| Izod Impact Strength (23 °C), min.                           | ASTM D 256      | kg f cm/cm           | 2.0       |
| Izod Impact Strength (-10 °C), min.                          | ASTM D 256      | kg f cm/cm           | -         |
| <b>Thermal</b>   |                 |                      |           |
| Heat Distortion Temperature (4.6 kgf/cm <sup>2</sup> ), min. | ASTM D 648      | °C                   | 90        |
| Vicat softening point, min.                                  | ASTM D 1525     | °C                   | 140       |
| Melting temperature  | ASTM D 3418     | °C                   | 160       |

