

## A. Product Description:

LDPE 2420F8 is a non – additivated, low density Polyethylene. It is delivered in pellet form.

## B. Application:

- Bags & Pouches
- Shopping bags
- Sanitary film
- Surface protection film

## C. Feature:

- Homo-polymer
- Hygiene grade

## D. Additives:

Non Additives

| PROPERTY                | Condition        | VALUE         | UNIT              | TEST METHOD  |
|-------------------------|------------------|---------------|-------------------|--------------|
| Melt Flow Rate          | 190 °C/2, 16 kg. | 0.8 ± 0.1     | g/10 min          | ISO 1133     |
| Density                 | 23 °C            | 0,923 ± 0,002 | g/m <sup>3</sup>  | ISO 1183A    |
| Impact strength         | 23 °C            | 28            | KJ/M <sup>3</sup> | ASTM D4272   |
| Tear strength (TD)      |                  | 30            | KN/M              | ASTM D6383-2 |
| Tear strength (MD)      | 23 °C            | 40            | KN/M              | ASTM D6383-2 |
| Strain at break (TD)    |                  | > 500         | %                 | ISO 527      |
| Strain at break (MD)    |                  | > 200         | %                 | ISO 527      |
| Yield stress (TD)       | 80°C             | 12            | Mpa               | ISO 527      |
| Yield stress (MD)       | 80°C             | 21            | Mpa               | ISO 527      |
| Coefficient of friction |                  | 1             |                   | ASTM D 1894  |
| Haze                    |                  | 9             | %                 | ASTM 1003 A  |
| Gloss                   |                  | 60            | %                 | DIN 67350    |
| Dart drop impact        |                  | > 140         | g                 | ASTM 1709    |