



# PAC+ LD2420W

## Low Density Polyethylene

### Key Features

PAC+ LD2420W is a low-density formulation suggested for film applications that require a good balance of properties such as converter film for industrial packaging and general purpose packaging. The PAC+ LD2420W contains 750 bpm SL and 1500 bpm AB.

### Application

Primary applications are bread bags, food packaging, produce bags and industrial packaging.

### Typical Properties

| Properties                |               | Test Methods | Units SI          | Values |
|---------------------------|---------------|--------------|-------------------|--------|
| Melt Flow Rate (MFR)      | 190°C/2,15 kg | ASTM D1238   | g/10 min          | 2,5    |
| Density                   |               | ASTM D1505   | g/cm <sup>3</sup> | 0,920  |
| Dart Impact               |               | ASTM D1709   | g/mil             | 100    |
| Haze (Base Formulation)   |               | ASTM D1003   | %                 | 7,0    |
| Gloss at 45°              |               |              |                   |        |
|                           | M.D.          | ASTM D1992   | gf                | 150    |
| Elmendorf Tear Resistance | T.D.          | ASTM D1992   | gf                | 550    |
| Tensile Strength at Break | M.D.          | ASTM D882    | psi               | 3800   |
|                           | T.D.          | ASTM D882    | psi               | 2700   |
|                           | M.D.          | ASTM D882    | %                 | 250    |
| Elongation                | T.D.          | ASTM D882    | %                 | 750    |
|                           | M.D.          | ASTM D882    | psi               | 27000  |
| 1% Secant Modulus         | T.D.          | ASTM D882    | psi               | 32000  |

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