

METALLOCENE LLDPE FILM EXTRUSION (CAST)

Grade F2030M

APPLICATION

Polyethylene composition Grade F2030M is intended for further processing by blown-extrusion method into films of various thicknesses for packing purposes, storage and transportation of goods (articles), for manufacture of bags to be operated under severe conditions. Films manufactured from polyethylene Grade F2030M feature high tensile strength and high anti-puncture resistance.

| MAIN QUALITY SPECIFICATIONS | | | |
|-----------------------------|---------------------------------------|-------------------|----------------------------|
| No | Parameter | Unit | Standart |
| 1 | Density at 20°C | kg/m ³ | 0,918 - 0,922 (target 920) |
| 2 | Melt Flow Index at load of 2,16 kgf | g/10 min | 2,6 - 3,4 (target 3,0) |
| 3 | Melt Flow Index spread within a batch | % | max 10 |
| 4 | Number of impurities | pcs | max 10 |
| 5 | Tensile yield strength | MPa | min 9 |
| 6 | Rupture strength | MPa | min 27 |
| 7 | Elongation at break | % | min 600 |