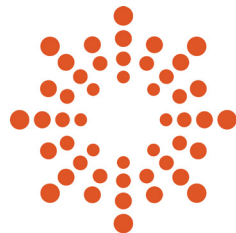


LD20-080

Low Density Polyethylene

LD20-080 is a certified prime resin designed for production of coating blown films and laminates. **LD20-080** features very good color stability and easy processability. Films exhibit good mechanical properties, resistance to pinholing and excellent heat seal performance. Maximum recommended drawdown is 0.5 mils. **LD20-080** contains no slip and no antiblock.

| PROPERTIES | ASTM | UNIT | NOMINAL VALUES | |
|---------------------------------------|--------|-------------------|----------------|-----------|
| Melt Flow Rate (190 °C, 2.16kg) | D1238 | g/10 min | 8.0 | |
| Density | D1505 | g/cm ³ | 0.920 | |
| Dart Drop Impact (F50, 1.0 mil) | D1709A | g | 50 | |
| Film Thickness | | mil | 1.0 | |
| FILM | | | MD VALUES | TD VALUES |
| Tensile Strength @ Break | D882 | psi | 2610 | 2610 |
| Tensile Strength @ Yield | D882 | psi | 1600 | 1600 |
| Elmendorf Tear Strength | D1922 | g | 350 | 120 |
| Tensile Elongation @ Break | D882 | % | 330 | 600 |
| Secant Modulus ³ 1% Secant | D882 | psi | 33100 | 39900 |
| OPTICAL | | | PROCESS | VALUES |
| Gloss (45° , 1.00 mil) | D2457 | | Blown Film | 75 |
| Haze (1.00 mil) | D1003 | % | Blown Film | 5.5 |



Genesis Polymers

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