



## LDPE black granulate

| Feature Techniques          | Nominal Value             | Norm     |
|-----------------------------|---------------------------|----------|
| Density                     | 920-970 Kg/m <sup>3</sup> | ISO 1183 |
| M.F.R. (weight 2,16kg)      | 0,45-0,70 g/10min         | ISO 1133 |
| VICAT softening temperature | 80-90 °C                  | ISO 306  |
| Polypropylene contents      | <0,1%                     | DSC TEST |
| Filtering                   | 110 mess/inch             |          |

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Genepol verifies every lot with an extrusion-blowing machine (100-120 gauges)

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| Mechanical properties | Nominal Value | Norm     |
|-----------------------|---------------|----------|
| Tensile stress, Break | 15-20 MPa     | ISO 527  |
| Flexural modulus      | 200-700 MPa   | ISO 178  |
| Tensile stress, Yield | 8-12 MPa      | ISO 178  |
| Elongation, Break     | 320-650 %     | ISO 527  |
| Charpy impact         | No break      | ISO 179  |
| Shore D hardness      | 45-55 Shore   | ISO 868  |
| Melting point         | 110-115 °C    | Internal |

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**Color:**  
Black

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