



LDPE black granulate

Feature Techniques	Nominal Value	Norm
Density	920-970 Kg/m ³	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	

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

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

Color:
Black

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