



LDPE grey granulate

Feature Techniques	Nominal Value	Norm
Density	920-960 Kg/m ³	ISO 1183
M.F.R. (weight 2,16kg)	0,40-0,70 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	325-650 %	ISO 527
Charpy impact	No break	ISO 179
Shore D hardness	45-55 Shore	ISO 868
Température de fusion	110-115 °C	Interne

Color:
Grey

MACHAON S.A.S.

3, Avenue du 106^{ème} Régiment d'Infanterie, 51000, Châlons-en-Champagne

Tel : +33 (0) 326 704 756