



QAPCO

QATAR PETROCHEMICAL COMPANY LTD.

Lotrène® MG70

LOW DENSITY POLYETHYLENE

DESCRIPTION

Lotrène® MG70 is an injection moulding grade mainly recommended for the injection of thin and flexible items and the preparation of masterbatches.

PROPERTIES

The high melt flow index of **Lotrène® MG70** leads to excellent flowability and processability. The items produced from this grade possess high flexibility and glossy surface.

PROPERTIES	VALUE	UNIT	TEST METHOD
Melt Flow Index	70	g/10 min.	ASTM D-1238
Density @ 23 °C	0.918	g/cm³	ASTM D1505
Crystalline Melting Point	101	°C	ASTM E-794
Vicat Softening Point	78	°C	ASTM D-1525
Tensile Strength @ Yield	6	MPa	ASTM D-638
Tensile strength @ Break	10	MPa	ASTM D-638
Elongation @ Break	200	%	ASTM D-638
Shrinkage	1.5-2.5	%	ASTM D-955

Note: The values given in this technical data sheet are the results of tests carried out in accordance with standard test procedures. They are given as indication to enable customers to make the best use of our products but must be considered as average values provided without implying any undertaking on our part