



Lotrène® Q 6007

This high molecular weight, ethylene homopolymer is tailored for light weight blow molded containers that require:

- Excellent stiffness
- Exceptional processability
- Low taste and low aroma transfer

Typical blow molded applications for Q 6007 include:

- Dairy bottles
- Liquid food packaging

This resin meets these specifications:

- FDA 21 CFR 177.1520
- ASTM D4976 – PE 235
- Listed in the Drug Master File

Nominal Physical Properties *	ASTM	Unit	Value
Density	D792	g/cm ³	0.964
Melt Index, Condition 190 C°/2.16 kgs	D1238	g/10 min	0.70
Condition 190 C°/21.6 kgs			58
Tensile Strength at Yield, 50 mm/min, Type IV bar	D638	MPa	30
Elongation at Break, 50 mm/min, Type IV bar	D638	%	>300
Flexural Modulus, Tangent - 16:1 span:depth, 12.7 mm/min	D790	MPa	1650
ESCR, Condition B (100% Igepal), F50	D1693	h	15
Brittleness Temperature, Type A clamp, Type I specimen	D746	°C	<-75

*The nominal properties reported herein are typical of the product, but do not reflect normal testing variance and therefore should not be used for specification purposes. Values are rounded. The physical properties were determined on compression molded specimens that were prepared in accordance with Procedure C of ASTM D4703, Annex A1.

Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suited and the information is applicable to the user's specific application. Qatar Chemical Company Ltd does not make, and expressly disclaims, all warranties, including warranties of merchantability or fitness for a particular purpose, regardless of whether oral or written, express or implied, or allegedly arising from any usage of any trade or from any course of dealing in connection with the use of the information contained herein or the product itself. The user expressly assumes all risk and liability, whether based in contract, tort or otherwise, in connection with the use of the information contained herein or the product itself. Further, information contained herein is given without reference to any intellectual property issues, as well as any international laws which may be encountered in the use thereof. Such questions should be investigated by the user.

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