

## LyondellBasell Adflex<sup>®</sup>,ç Q 200 F Polyolefin

Category : Polymer , Film , Thermoplastic , Polyolefin , Polyolefin, Film Grade , Polyolefin, Film Grade (Polyolefin)

**Material Notes:**

Description: Adflex<sup>®</sup>,ç Q 200 F fractional melt flow, low modulus thermoplastic olefin (TPO) resin is designed for extrusion applications. It is based on material produced from Basell's proprietary "Catalloy" process. This resin is ideal for making soft hygienic or heavy duty films. It can also be used to modify LDPE or LLDPE resins in order to improve mechanical characteristics, puncture resistance and to allow further downgauging. It contains no slip or antiblock. Q 200 F resin meets FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for all food contact, except for certain fatty foods. Uses: Film, automotive applications Information provided by Basell.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_LyondellBasell-Adflex-Q-200-F-Polyolefin.php](http://www.lookpolymers.com/polymer_LyondellBasell-Adflex-Q-200-F-Polyolefin.php)

Physical Properties	Metric	English	Comments
Density	0.882 g/cc	0.0319 lb/in <sup>3</sup>	ASTM D792
Melt Flow	0.80 g/10 min @Load 2.16 kg, Temperature 230 Â°C	0.80 g/10 min @Load 4.76 lb, Temperature 446 Â°F	Condition L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	48	48	ASTM D2240
Tensile Strength, Yield	7.58 MPa	1100 psi	ASTM D 638
Elongation at Break	350 %	350 %	ASTM D 638
Elongation at Yield	18 %	18 %	ASTM D 638
Flexural Modulus	0.152 GPa	22.0 ksi	1% Secant, Procedure A; ASTM D790
Izod Impact, Notched	NB	NB	73Â°F; ASTM D256

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