



## Adflex Q 200 F

### Advanced Polyolefin

#### Product Description

Adflex Q 200 F is a reactor TPO (thermoplastic polyolefin) manufactured using LyondellBasell's proprietary *Catalloy* process technology. *Adflex* Q 200 F features a fractional melt flow and a low modulus. It is designed for extrusion applications.

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 puncture resistance and other mechanical characteristics to allow further downgauging. It contains no slip or antiblock. This grade is available in natural pellet form.

For regulatory compliance information, see the *Adsy* Q 200 F Product Stewardship Bulletin (PSB).

#### Product Characteristics

<b>Status</b>	Commercial: Active
<b>Test Method used</b>	ISO
<b>Availability</b>	North America, Asia-Pacific, Australia/NZ, Africa-Middle East, Latin America
<b>Features</b>	Good Flexibility, Low Flow, Good Impact Resistance, Good Processability, High Strength, Good Toughness

#### Typical Customer Applications

Automotive Parts, Film

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density (Method A)	ISO 1183	0.88	g/cm <sup>3</sup>
Melt flow rate (MFR) (230 °C/ 2.16 kg)	ISO 1133	0.8	g/10 min
<b>Mechanical</b>			
Tensile Stress at Yield	ISO 527-1, -2	8	MPa
Tensile Strain at Break	ISO 527-1, -2	350	%
Tensile Strain at Yield	ISO 527-1, -2	18	%
Flexural modulus	ISO 178	150	MPa
<b>Impact</b>			
Notched izod impact strength (23 °C, Type 1, Notch A)	ISO 180	No Break	
<b>Hardness</b>			
Shore hardness D	ISO 868/ASTM D 2240	49	
<i>Note:</i> 15 seconds			

#### Notes

Typical properties; not to be construed as specifications.