

Adflex Q 200 F

Polyolefin
LyondellBasell Industries

Message:

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 futher downgauging. It contains no slip or antiblock. This grade is available in natural pellet form.

General Information	
Features	Good Flexibility Good Impact Resistance Good Processability Good Toughness High Strength Low Flow
Uses	Automotive Applications Film
Appearance	Natural Color
Forms	Pellets
Processing Method	Blown Film Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.880	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.80	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	49		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	8.00	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	18	%	
Break	350	%	
Flexural Modulus	150	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	No Break		ISO 180/1A

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