

# 产品比较

## Technical Data

### Product Description

Hifax  
CA 7320 A

Hifax CA 7320 A is a reactor TPO (thermoplastic polyolefin) manufactured using the LyondellBasell's proprietary Catalloy process technology. It is designed for use in compounds where it shows high efficiency as impact modifier. It gives excellent processability whilst maintaining optimum mechanical properties. The grade is available in natural pellet form.

Adflex  
Q 300 F

Adflex Q 300 F is a thermoplastic polyolefin which has been developed for the extrusion or calendaring of soft film. Adflex Q 300 F can also be used as impact/toughener modifier of polypropylene homopolymer in extrusion applications. In strapping applications for instance, it notably decreases fibrillation and improves the processability of the film at high drawing ratios. Adflex Q 300 F can be processed on any conventional PP extrusion line as well as on PVC calendars. It can also be blown on standard LDPE or LLDPE film lines.

### General

Hifax  
CA 7320 A

Adflex  
Q 300 F

Manufacturer / Supplier

- LyondellBasell Industries

- LyondellBasell Industries

Generic Symbol

- 非特指聚烯烃 ( 非特指聚烯烃 )

- 非特指聚烯烃 ( 非特指聚烯烃 )

Additive

- 冲击改性剂

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Features

- 冲击改性
- 良好的加工性能
- 良好的流动性
- 良好的柔韧性
- 柔软

- 良好的柔韧性
- 柔软

Uses

- 工业应用
- 混料
- 建筑材料
- 建筑应用领域
- 片材
- 汽车领域的应用
- 塑料改性

- Blown Film
- 包装
- 薄膜
- 层压板
- 袋子
- 工业应用
- 混料
- 农业应用
- 皮带材料
- 片材
- 瓶子
- 塑料改性
- 消费品应用领域
- 型材
- 硬包装

Automotive Specifications

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- GM QK 003941 Color: Natural
- IMDS ID 19513060 Color: Natural

Appearance

- 自然色

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Forms

- 粒子

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Processing Method

- 复合
- 挤出涂层
- 压延
- 注射成型

- 吹塑薄膜
- 复合
- 挤出
- 挤出吹塑成型
- 片材挤出成型
- 型材挤出成型
- 压延

## 产品比较

Physical	Hifax CA 7320 A	Adflex Q 300 F	单位制	测试方法
Density (23°C)	0.880	0.880	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.1	0.80	g/10 min	ISO 1133
Mechanical	Hifax CA 7320 A	Adflex Q 300 F	单位制	测试方法
Tensile Stress				ISO 527-2
屈服	--	9.00	MPa	
断裂	10.0	13.0	MPa	
Tensile Strain				ISO 527-2
屈服	--	35	%	
断裂	500	550	%	
Flexural Modulus	200	330	MPa	ISO 178
Impact	Hifax CA 7320 A	Adflex Q 300 F	单位制	测试方法
Charpy Notched Impact Strength				ISO 179
-40°C	95	100	kJ/m <sup>2</sup>	
-20°C	100	100	kJ/m <sup>2</sup>	
23°C	无断裂	无断裂		
Hardness	Hifax CA 7320 A	Adflex Q 300 F	单位制	测试方法
Shore Hardness (邵氏 D)	32	36		ISO 868
Thermal	Hifax CA 7320 A	Adflex Q 300 F	单位制	测试方法
Heat Deflection Temperature (0.45 MPa, 未退火)	40.0	50.0	°C	ISO 75-2/B
Vicat Softening Temperature	62.0	78.0	°C	ISO 306/A50
Melting Temperature				
--	163	--	°C	DSC
--	--	163	°C	ISO 11357-3
Optical	Hifax CA 7320 A	Adflex Q 300 F	单位制	测试方法
Gloss (45°, 50.0 µm)	--	4		ASTM D2457
Haze	--	95.0	%	ASTM D1003