

Adflex 7634 XCP

Polyolefin

LyondellBasell Industries

Message:

Adflex 7634 XCP is developed for the central layer of tough, transparent co-extruded cast-film structures. It combines transparency with high softness, a very high toughness even at low temperatures and an excellent compatibility with other polyolefins. It does not contain any slip nor anti-blocking agents. Typical applications of the Adflex 7634 XCP are co-extruded cast-film for food packaging, hygiene applications, surface protection where the outside layer can be any polyolefin homo or copolymer.

General Information

Features	Low Temperature Flexibility Definition, high Good toughness Soft
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Uses	Blown Film Packaging Films Laminate Bags cast film Food packaging
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Processing Method	Blow film Extrusion blow molding Extrusion coating cast film Thermoforming Injection molding
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Physical	Nominal Value	Unit	Test Method
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Density	0.880	g/cm ³	ISO 1183
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Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ISO 1133
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Hardness	Nominal Value	Unit	Test Method
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Durometer Hardness (Shore D)	38		ISO 868
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Mechanical	Nominal Value	Unit	Test Method
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Tensile Stress (Yield)	8.00	MPa	ISO 527-2
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Tensile Strain (Break)	600	%	ISO 527-2
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Flexural Modulus	200	MPa	ISO 178
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Impact	Nominal Value	Unit	Test Method
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Charpy Notched Impact Strength			ISO 179
-20°C	15	kJ/m ²	ISO 179
23°C	No Break		ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	40.0	°C	ISO 75-2/B
Vicat Softening Temperature	85.0	°C	ISO 306/A50

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