

Adflex 7635 XCP

Polyolefin
LyondellBasell Industries

Message:

Adflex 7635 XCP is a thermoplastic polyolefin, which is mainly used by our customers for the extrusion of blown film. It is also suitable for sheet extrusion. Adflex 7635 XCP features very high softness and very low modulus. It does not contain any slip or anti-blocking agents. Adflex 7635 XCP is used for the production of soft hygienic film and heavy duty film, as well as for the modification of LDPE or LLDPE to increase mechanical characteristics, puncture resistance, and to allow further downgauging. It can be easily processed on conventional LDPE or LLDPE blown film lines.

General Information			
Features	Perforation resistance		
	Workability, good		
	Good flexibility		
	Good tear strength		
	Low temperature impact resistance		
	Soft		
Uses	Blown Film		
	Packaging		
	Films		
	Laminate		
	Bags		
	Stretch winding		
	Agricultural application		
	Sheet		
	Application in Automobile Field		
	Car interior parts		
	Food packaging		
	Shrinkable film		
Processing Method	Film extrusion		
	Blow film		
	Extrusion		
	Extrusion blow molding		
	Sheet extrusion molding		
	Calendering		
Physical	Nominal Value	Unit	Test Method
Density	0.880	g/cm ³	ISO 1183

Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.60	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	30		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	10.0	MPa	ISO 527-2
Tensile Strain (Break)	400	%	ISO 527-2
Flexural Modulus	100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-20°C	110	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	60.0	°C	ISO 306/A

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