

Catalloy

Product Description

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.

Status	Commercial: Active
Application	Bags & Pouches; Barrier Film; Breathable Film; Film Wrap; Food Packaging Film; Lamination Film; Peelable Film; Stationery Film
Market	Flexible Packaging; Rigid Packaging
Processing Method	Blown Film; Cast Film; Extrusion Blow Molding; Extrusion Coating; Injection Molding; Thermoforming
Attribute	Good Toughness; High Clarity; Low Temperature Toughness; Soft

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	6	g/10 min	ISO 1133-1
Density	0.88	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus	200	MPa	ISO 178
Tensile Stress at Yield	8	MPa	ISO 527-1, -2
Tensile Strain at Break	600	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	NB	kJ/m ²	ISO 179
(-20 °C)	15	kJ/m ²	ISO 179
Hardness			
Shore Hardness, (Shore D)	38		ISO 868
Thermal			
Vicat Softening Temperature, (A/50 N)	85	°C	ISO 306
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	40	°C	ISO 75B-1, -2

