

Technical Data Sheet

Adflex 7635 XCP



Catalloy

Product Description

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.

Status	Commercial: Active
Availability	Africa-Middle East; Asia-Pacific; Australia and New Zealand; Europe; North America; South & Central America
Application	Agriculture Film; Bags & Pouches; Barrier Film; Breathable Film; Collapsible Tubes; Film Wrap; Food Packaging Film; Heavy Duty Packaging; Hygiene Film; Interior Automotive Applications; Lamination Film; Shrink Film; Stretch Hood; Surface Protection Film; TPO Foils and Skins
Market	Flexible Packaging; Rigid Packaging
Processing Method	Blown Film; Calendaring; Double Bubble; Extrusion Blow Molding; Extrusion Flat-die; Sheet; Thermoforming
Attribute	Good Flexibility; Good Processability; Good Puncture Resistance; Good Tear Strength; Low Temperature Impact Resistance; Low Transparency; Soft

Typical Properties	Nominal		Test Method
	Value	Units	
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	0.6	g/10 min	ISO 1133-1
Density	0.88	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus	100	MPa	ISO 178
Tensile Stress at Break	10	MPa	ISO 527-1, -2
Tensile Strain at Break	400	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	NB	kJ/m ²	ISO 179
(-20 °C)	110	kJ/m ²	ISO 179

Hardness

Shore Hardness, (Shore D, 15 sec)	30	ISO 868
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Thermal

Vicat Softening Temperature, (A/10 N)	60 °C	ISO 306
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Heat Deflection Temperature B, (0.45 MPa, Unannealed)	40 °C	ISO 75B-1, -2
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Notes

These are typical property values not to be construed as specification limits.