



**EVO ANGUS 7545 Long Life AD/AF**

<b>Description</b>	<b>7 Layer, Long Life, Thermic, Colourless, High Strength, Medium Diffusion, UV Open, Long Life Anti Dripping, Anti Fogging, Greenhouse Film</b>
<b>Resins</b>	<b>m-LLDPE, EVA</b>
<b>Nominal thickness <math>\mu\text{m}</math></b>	<b>150</b>
<b>Average thickness tolerance</b>	<b><math>\pm 5\%</math></b>
<b>Thickness tolerance at any point</b>	<b><math>\pm 15\%</math></b>
<b>Sulfur / Chlorine Limits (ppm)</b>	<b>700 /150</b>

<b>Mechanical Properties</b>	<b>Typical Values</b>	<b>Variation</b>	<b>Test Method</b>
<b>Tensile Strength at Break (Mpa)</b>			
<b>Machine Direction</b>	<b>27</b>	<b>-5%</b>	<b>EN ISO 527-3</b>
<b>Transverse Direction</b>	<b>27</b>	<b>-5%</b>	<b>EN ISO 527-3</b>
<b>Elongation at Break</b>			
<b>Machine Direction</b>	<b>550</b>	<b>-5%</b>	<b>EN ISO 527-3</b>
<b>Transverse Direction</b>	<b>650</b>	<b>-5%</b>	<b>EN ISO 527-3</b>

<b>Optical Properties</b>	<b>Typical Values</b>		<b>Test Method</b>
<b>Total Light Transmission (400-700 nm)</b>	<b>~89-90%</b>		<b>ASTM D 1003</b>
<b>Diffusion (400-700 nm)</b>	<b>50%</b>	<b><math>\pm 2\%</math></b>	<b>ASTM D 1003</b>
<b>UV Transmission (300-390 nm)</b>	<b>&gt;60%</b>		<b>Internal method</b>
<b>Infrared Transmission (7-13 <math>\mu\text{m}</math>)</b>	<b>&lt;19%</b>		<b>EN 13206 8.8</b>

*\*The value of dart drop tests refers to typical measurements obtained during production on flat film (excl. Fold). It is provided for information purposes and does not constitute a specification or contractual obligation.*

*The information on this data sheet is reproduced from the data sheet supplied by the manufacturer and all tests are carried out in a TUV accredited laboratory.*

