



## 4103

**Product code: ArAlloy 4103**

**ArAlloy 4103** is HD polyethylene suitable for thin films with excellent strength and rigidity.

**Application: blown film**

**Color: natural**

Physical Properties	Value	Unit	Test method
<b>Density</b>	0.951	g/cm <sup>3</sup>	ISO 1183
<b>Melt point</b>	135	°C	DSC
<b>Melt Flow Rate (190 °C, 21.6 kg)</b>	13-14	g/10min	ISO 1133
<b>Oxidation Induction Time (210 °C, 20 °C/min)</b>	90	min	ASTM D3895
<b>Ash content</b>	0	%	ISO 3451

Mechanical Properties	Value	Unit	Test method
<b>Tensile Strength @ break</b>	260	MPa	ISO 527
<b>Elongation @ break</b>	550	%	ISO 527
<b>Flexural Modulus</b>	450	MPa	ISO 178
<b>Notched Izod Impact</b>	N.B	kJ/m <sup>2</sup>	ISO 180

### Storage

Storage conditions should be in a cool and dry place.

- All above-mentioned data are typical values and not to be construed as real specifications. Users should confirm results by their own tests.