


4104
Product code: ArAlloy 4104

ArAlloy 4104 is HD polyethylene using in injection-molding process, easy processing, good rigidity, crack resistivity and suitable stiffness make it suitable for usage in crates, seats, pallets, house hold ware.

Application: injection molding
Color: natural

Physical Properties	Value	Unit	Test method
Density	0.962	g/cm ³	ISO 1183
Melt point	135	°C	DSC
Melt Flow Rate (190 °C, 2.16 kg)	4-5	g/10min	ISO 1133
Oxidation Induction Time (210 °C, 20 °C/min)	40	min	ASTM D3895
Ash content	0	%	ISO 3451

Mechanical Properties	Value	Unit	Test method
Tensile Strength @ break	260	MPa	ISO 527
Elongation @ break	550	%	ISO 527
Flexural Modulus	450	MPa	ISO 178
Notched Izod Impact	40	kJ/m ²	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.