8011 Aluminium Foil/Sheet

Fe-Si-modified Al foil 8011 (soft annealed) — low pinhole rate for pharma blister lidding, heat exchanger fin stock & flexible food contact laminates. **SKU:** 1000238380-group
Product Code: AH23-FL

Material Properties for Alloys

Mechanical Properties

Element	Value
Hardness - Brinell(HBW)	45-55
Elongation at break(%)	8-18
Modulus of elasticity(GPa)	69
Tensile strength(MPa)	110-145

Electrical Properties

Element	Value
Electrical resistivity(µOhmcm)	4.31-4.93

Thermal Properties

Element	Value
Melting point(C)	640-655
Thermal conductivity(W m?¹ K?¹)	160-170
Coefficient of thermal expansion(x10?? K?¹)	23.5

Physical Properties

Element	Value
Density(gcm?³)	2.7