EVA

EVA VS-410

Hanwha Solutions

Position #103 · Jinsutong Reference Catalog 2026

Resin Overview

EVA · 18% VA, Asia Solar. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	Hanwha Solutions
Category	EVA · 18% VA, Asia Solar
Typical Use	Solar PV encapsulation, Asia supply

Key Properties

MFR (190°C/2.16 kg)	20 g/10min
VA Content	18 wt%
Density	0.94 g/cm³
Melting Point (DSC)	88 °C
Vicat Softening Point	62 °C
Tensile Strength at Break	19 MPa
Elongation at Break	600%
Light Transmittance	>90%

Key Features

- Asia-source EVA for solar
- Stable supply from Korea/China
- Good crosslinking performance
- TUV certified

Processing Conditions

Melt Temperature	70-90 °C (film melt)
Mold Temperature	145-155 °C (lamination)
Drying	Not required
Processing Methods	Blown film extrusion, vacuum lamination

Typical Applications

- Solar PV module encapsulation
- Solar backsheet bonding
- Film for BIPV
- Asia solar supply

Regulatory & Compliance

- TUV Rheinland certified
- UL 1703 listed
- IEC 61215 compliant
- RoHS

> ⚠ All data sourced from public manufacturer catalogs.

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