HANWHA EVA X1629

Ethylene Vinyl Acetate Copolymer

Hanwha Chemical

Message:

HANWHA EVA X1629 designed for calendar process is manufactured with exhaustive inspection to be used as a solar cell encapsulant. Specially, EVA X1629 is consistent with customer demands to meet a quality of solar modules.
Optimized processability for producing EVA sheet in a calendar process.
Improved yellowing resistance and cross-linking efficiency compared with conventional grades.
Good compatibility with additives and optical property(transmittance and haze) to ensure solar cell efficiency.

General Information	
Features	Copolymer Crosslinkable Good Processability Opticals
Uses	Solar Panels
Agency Ratings	FDA 21 CFR 177.1350(a)(1)
Forms	Pellets
Processing Method	Calendering Extrusion Sheet Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.949	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.0	g/10 min	Internal Method
Vinyl Acetate Content	29.0	wt%	Internal Method
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Break)	13.7	MPa	ASTM D638
Tensile Elongation (Break)	920	%	ASTM D638
Thermal	**Nominal Value**	**Unit**	**Test Method**
Brittleness Temperature	< -76.0	°C	ASTM D746
Vicat Softening Temperature	46.0	°C	ASTM D1525
Melting Temperature	71.0	°C	ASTM D3417

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

WECHAT