

# EVA

## E180F

### EVA for bridge firing

#### Application

Foam, Crosslinked foam, Athletic shoe in-sole/mid-sole

#### Characteristics

Good processability and crosslinking property during foaming process, Good mechanical properties, Uniform additive dispersibility

#### Physical properties

Item	Test Method	Unit	Typical Value
Melt index	ASTM D1238 (190°C, 2.16kg )	g/10min	2
Density	ASTM D1505	g/cm <sup>3</sup>	0.94
VA content	HTC Method	%	18
Melt temperature	HTC Method	°C	86
Tensile strength(at break)	ASTM D638	kg/cm <sup>2</sup>	260
Elongation (at break)	ASTM D638	%	750
Shore hardness	ASTM D2240	D Scale	38
Vicat softening point	ASTM D1525	°C	64
Brittleness temperature	ASTM D746	°C	<-70

Note) Data shown above are representative values for reference purposes only, and not to be construed as specifications.

#### Certification

Hanwha TotalEnergies Petrochemical are limitations in applying Hanwha TotalEnergies E180F for food packaging purposes.

For further inquiries, please contact Customer Technical Service.

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