EVA

E180F

EVA for bridge firing

Application

Foam, Crosslinked foam, Atheletic 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℃,2.16kg)	g/10min	2
Density	ASTM D1505	g/㎤	0.94
VA content	HTC Method	%	18
Melt temperature	HTC Method	℃	86
Tensile strength (at break)	ASTM D638	kg/㎠	260
Elongation (at break)	ASTM D638	%	750
Shore hardness	ASTM D2240	D Scale	38
Vicat softening point	ASTM D1525	℃	64
Brittleness temperature	ASTM D746	℃	<-70

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

Certification

There are limitations in applying Hanwha TotalEnergies E180F for food packaging purposes. For further inquiries, please contact Customer Technical Service.

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