

LVS520

Ethylene vinyl acetate copolymer (EVA)



General Information

LVS520 is an ethylene vinyl acetate resin produced in the tubular process, designed for foaming and sheet molding, and has excellent processability and mechanical properties.

Key Features

- Excellent foaming properties and mechanical properties
- Vinyl Acetate Content 22%

Applications

- Foam, Shoe soles, Injection/Sheet molding

Properties

	Item	Measuring Method		Value	Unit
Physical	Melt Flow Index (190°C, 2.16kg)	ASTM	D1238	3.0	g/10min
	Density	ASTM	D1505	0.943	g/cm ³
	Vinyl Acetate Content	LC Method		22	wt%
Mechanical	Tensile Stress (Break)	ASTM	D638	200	kgf/cm ²
	Tensile Strain (Break)	ASTM	D638	750	%
Thermal	Melting Point	LC Method		79	°C
	VICAT Softening Point	ASTM	D1525	53	°C
Additional	Hardness (Shore A)	ASTM	D2240	84	A Scale

• NOTE : Physical Properties : these are not to be construed as specifications

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