

Metallocene Polyethylene Plastomer
DaelimPoly ^M

VL0003 Film

Description

Characteristics	▪ Excellent Heat Seal Properties at lower Temperature ▪ Excellent Hot Tack Strength ▪ Excellent Toughness ▪ High Clarity
Applications	▪ Multi-layer Films (Sealant Layer) ▪ Modifier Impact Properties ▪ Hoses
Processing Recommendation	Processing Temperature ~ 250°C
Specification data	Complies with FDA 21 CFR 177. 1520

Physical Properties – Film

Resin Properties	Unit	Test Method	VL0003
Density	g/cm ³	ASTM D1505	0.900
Melt Index (190°C, 2.16 kg)	g/10min	ASTM D1238	3.0
Vicat Softening Temperature	°C	ASTM D1525	82
Melting Temperature	°C	ASTM D3418	91
Additives	-		AO
Film Properties	Unit	Test Method	VL0003
Tensile Strength at Break, MD/TD	kg/cm ²	ASTM D882	460/350
Elongation at Break, MD/TD	%	ASTM D882	360/580
Dart Impact Strength(B)	gf	ASTM D1709	450
Haze	%	ASTM D1003	0.5
Gloss(45°)	-	ASTM D2457	110
Seal Initiation Temperature (HGT, 2.8KG, 0.5sec)	°C	Daelim	92

1. Film Processing Condition : Φ50mm Cast Film Extruder, 250°C, Film thickness 0.022mm
2. Additives : AO (Antioxidant)
3. These are typical properties only and are not to be construed as specifications.

*NOTICE: Prior to use for any commercial purpose, the customer is fully responsible for determining its suitability for intended application and for ensuring its disposal practices are in compliance with applicable laws and other governmental enactments. DAELIM assumes no obligation or liability in this regard.

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